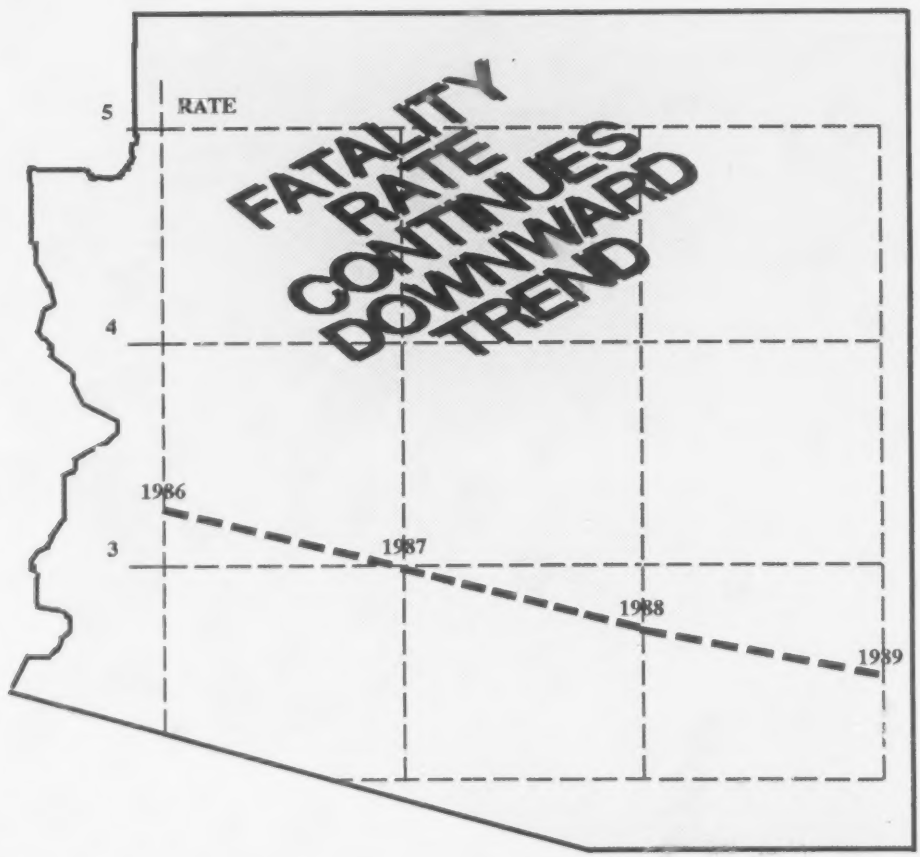
S0530-1-U

Arizona Traffic Accident Summary

1989



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The 1989 Arizona Traffic Accident Summary is an annual report published by the Traffic Engineering Section of the Arizona Department of Transportation.

This publication is a statistical review of motor vehicle traffic accidents in the State of Arizona for the calendar year 1989. The figures are compiled from the traffic accident reports that are submitted to the Arizona Department of Transportation by state, county, city, reservation and other police agencies.

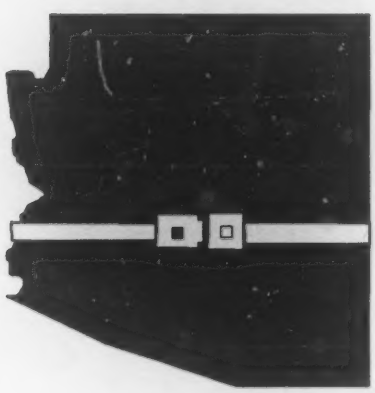
Specific inquiries regarding data presented in the report should be sent to the following address:

Arizona Department of Transportation
Traffic Engineering Section
Traffic Records Unit
206 S. 17th Avenue 064R
Phoenix, Arizona 85007

Additional copies of The Arizona Traffic Accident Summary may be obtained at:

Arizona Department of Transportation
Traffic Engineering Section
Traffic Records Unit
2612 S. 46th Street
Phoenix, Arizona 85034

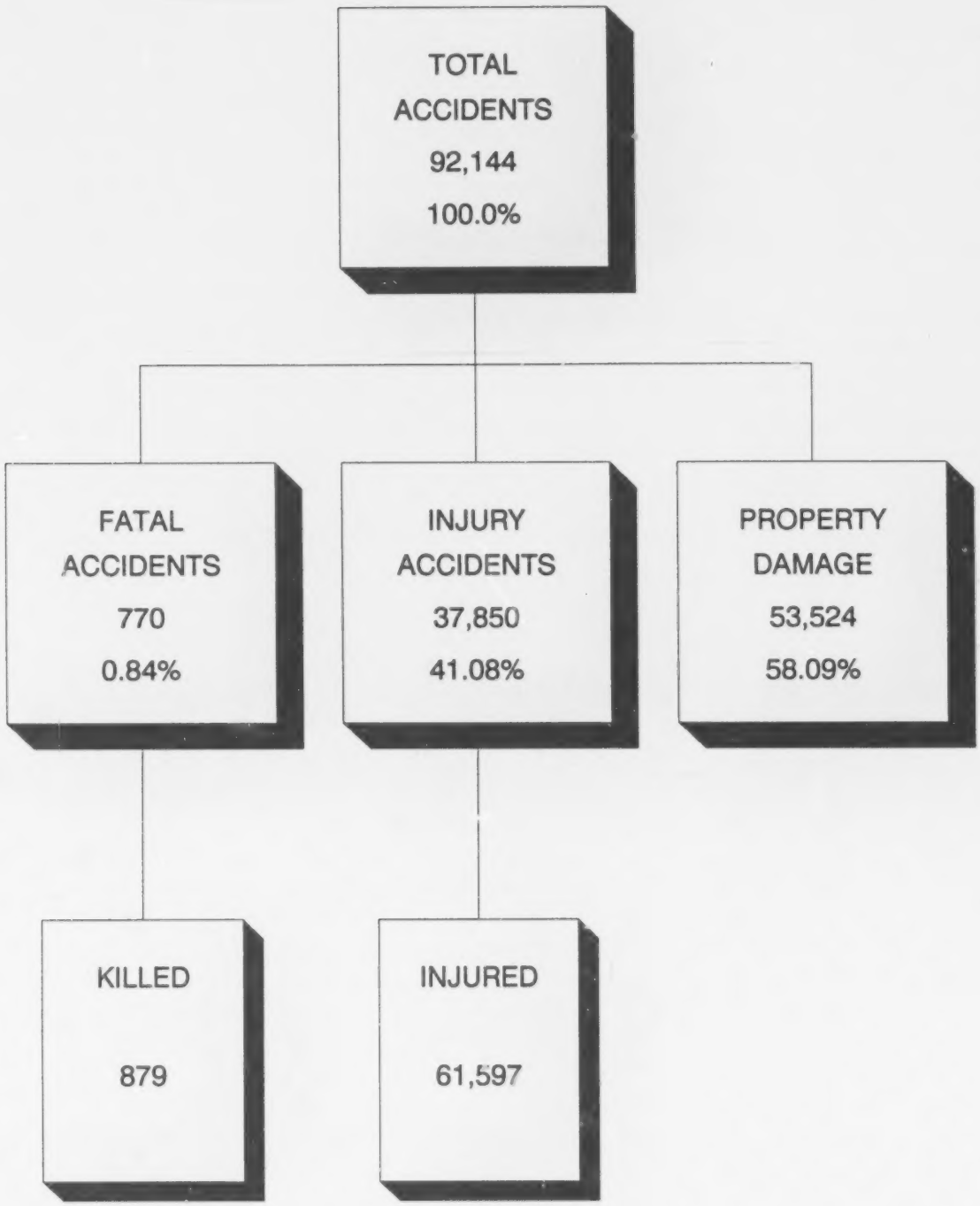
Phone: (602) 255 - 7724



ARE YOU PUTTING ME ON ?

SEAT BELTS SAVE LIVES ...

HIGHLIGHTS AND HISTORICAL TRENDS



HIGHLIGHTS AND HISTORICAL TRENDS

ARIZONA ACCIDENT FACTS	1988	1989	PERCENT OF CHANGE
Reported Accidents	96,225	92,144	-4.2%
Total Killed	944	879	-6.9%
Total Injured	62,232	61,597	-1.0%
Pedestrians Killed	164	130	-20.7%
Pedestrians Injured	1,459	1,332	-8.7%
Motorcyclists Killed	97	78	-19.6%
Motorcyclists Injured	3,001	2,745	-8.5%
Bicyclists Killed	35	30	-14.3%
Bicyclists Injured	1,862	1,864	0.1%
Millions of V.M.T.	34,774	34,816	0.1%
Deaths Per 100 Million V.M.T	2.71	2.52	-7.0%
Injuries Per 100 Million V.M.T.	179.0	176.92	-1.1%

V.M.T. Vehicle Miles Traveled

In 1989:

2.4 persons were killed every day (one every 10 hours).

168.8 persons were injured every day (one every 8.5 minutes).

One valid licensed driver out of every 14 was involved in an accident.

One out of every 15 registered vehicles in Arizona was involved in an accident.

9.3% of all accidents involved alcohol.

32.6% of fatal accidents involved alcohol.

70.3% of all accidents happened during daylight hours.

45.7% of fatal accidents occurred during darkness.

80% of all accidents occurred in urban areas of the state.

42.7% of fatal accidents occurred in urban areas of the state.

ESTIMATED ECONOMIC LOSS

COUNTIES	PERSONS KILLED NO.	PERSONS KILLED $ LOSS	PERSONS INJURED NO.	PERSONS INJURED $ LOSS	MINOR INJURY/ PROPERTY DAMAGE ONLY NO.	MINOR INJURY/ PROPERTY DAMAGE ONLY $ LOSS	TOTAL ECONOMIC $ LOSS
Apache	38	11,020,000	179	2,523,900	731	2,193,000	15,736,900
Cochise	28	8,120,000	552	7,783,200	1,183	3,549,000	19,452,200
Coconino	64	18,560,000	1,060	14,946,000	2,705	8,115,000	41,621,000
Gila	14	4,060,000	339	4,779,900	503	1,509,000	10,348,900
Graham	5	1,450,000	126	1,776,600	168	504,000	3,730,600
Greenlee	3	870,000	56	789,600	87	261,000	1,920,600
La Paz	23	6,670,000	250	3,525,000	263	789,000	10,984,000
Maricopa	359	104,110,000	19,499	274,935,900	43,758	131,274,000	510,319,900
Mohave	69	20,010,000	977	13,775,700	1,608	4,824,000	38,609,700
Navajo	31	8,990,000	389	5,484,900	895	2,685,000	17,159,900
Pima	97	28,130,000	5,038	71,035,800	13,364	40,092,000	139,257,800
Pinal	75	21,750,000	895	12,619,500	1,553	4,659,000	39,028,500
Santa Cruz	4	1,160,000	191	2,693,100	257	771,000	4,624,100
Yavapai	38	11,020,000	862	12,154,200	1,486	4,458,000	27,632,200
Yuma	31	8,990,000	793	11,181,300	1,587	4,761,000	24,932,300
TOTAL	879	$254,910,000	31,206	$440,004,600	70,148	$210,444,000	$905,358,600

1. Fatality. $290,000 (879)
2. Injury, other than minor. $14,100 (31,206)
3. Minor Injury/Property Damage Only. $3,000 (70,148)

Categories 1 and 2 are per injury and include property damage.
Category 3 is per accident.
Arizona's annual economic loss per capita. $248

VICTIM AGE GROUPS

AGE	PERSONS KILLED TOTAL	PERSONS KILLED MALE	PERSONS KILLED FEMALE	PERSONS INJURED TOTAL	PERSONS INJURED MALE	PERSONS INJURED FEMALE	PERSONS INJURED GENDER UNKNOWN
0 - 4	23	13	10	1,611	795	814	2
5 - 9	21	17	4	1,946	1,025	919	2
10 - 14	25	16	9	2,214	1,058	1,154	2
15 - 19	107	78	29	9,783	4,966	4,815	2
20 - 24	119	91	28	9,691	5,460	4,227	4
25 - 34	182	138	44	14,013	7,556	6,446	11
35 - 44	121	81	40	8,635	4,296	4,339	0
45 - 54	80	53	27	4,809	2,244	2,564	1
55 - 64	67	41	26	3,486	1,623	1,857	6
65 - 74	63	29	34	2,768	1,201	1,564	3
75 & Over	71	44	27	1,670	736	933	1
Age Unknown	0	0	0	971	552	356	63
TOTALS	879	601	278	61,597	31,512	29,988	97

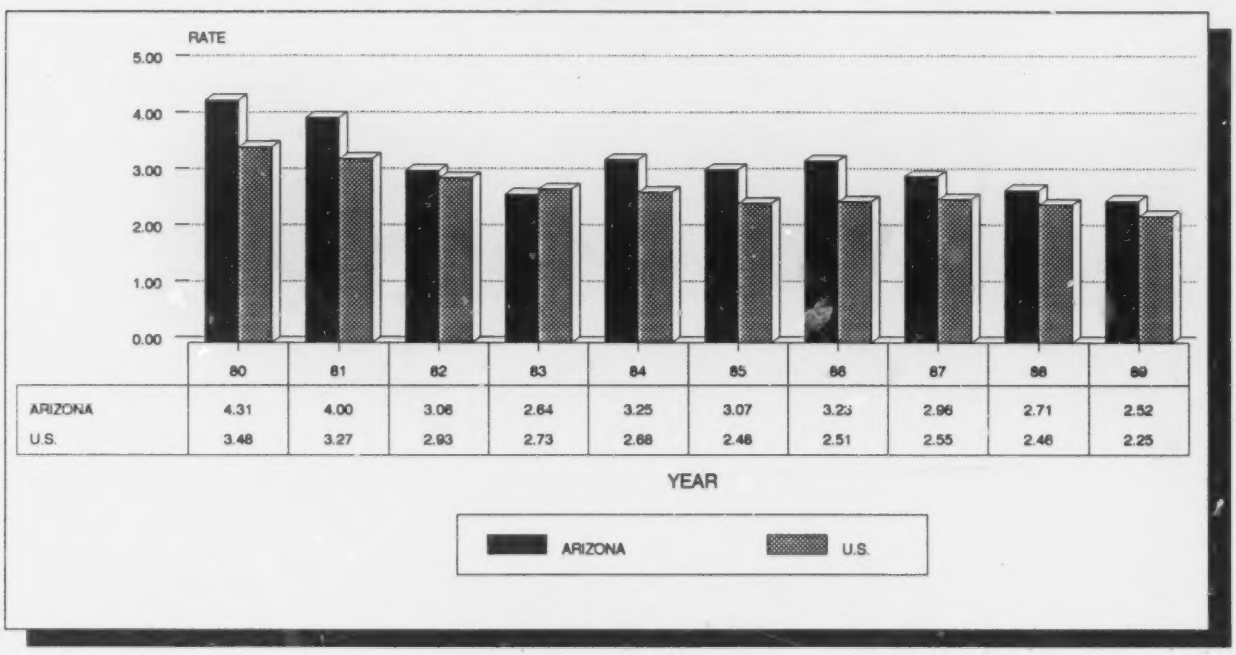
ARIZONA HIGHWAY ACCIDENT STATISTICS

CALENDAR YEAR	MOTOR VEHICLE REGISTRATION	MOTOR VEHICLE MILEAGE	TRAFFIC DEATHS	TRAFFIC INJURIES	ESTIMATED AZ FATALITY RATE/PER 100,000,000 V.M.T.	ESTIMATED US FATALITY RATE/PER 100,000,000 V.M.T.
1925	68,029	370,916,000	76	NA	20.49	18.20
1930	110,915	867,750,000	190	NA	21.90	15.60
1935	105,610	930,758,000	217	1,905	23.31	15.91
1940	141,788	1,308,550,000	228	2,800	17.42	11.42
1945	146,436	1,573,475,000	283	2,540	17.99	11.28
1950	271,803	2,944,000,000	325	4,135	11.04	7.59
1955	415,655	4,414,561,000	358	6,824	8.11	6.37
1960	630,016	6,535,862,000	513	13,360	7.85	5.31
1965	857,934	8,339,000,000	550	21,279	6.60	5.54
1970	1,122,113	12,122,437,566	762	32,230	6.29	4.91
1975	1,514,846	16,031,406,497	670	36,646	4.18	3.46
1980	2,085,311	21,965,000,000	947	49,697	4.31	3.48
1981	2,183,354	22,920,000,000	917	48,974	4.00	3.27
1982	2,228,643	23,663,000,000	724	45,778	3.06	2.93
1983	2,055,026	25,561,000,000	675	50,076	2.64	2.73
1984	2,162,526	26,700,000,000	869	57,592	3.25	2.68
1985	2,283,832	29,050,000,000	893	59,650	3.07	2.48
1986	2,387,818	31,143,000,000	1,007	62,466	3.23	2.51
1987	2,438,960	31,729,000,000	939	63,278	2.96	2.55
1988	2,511,115	34,774,203,105	944	62,232	2.71	2.46
1989	2,546,530	34,815,525,000	879	61,597	2.52	2.25

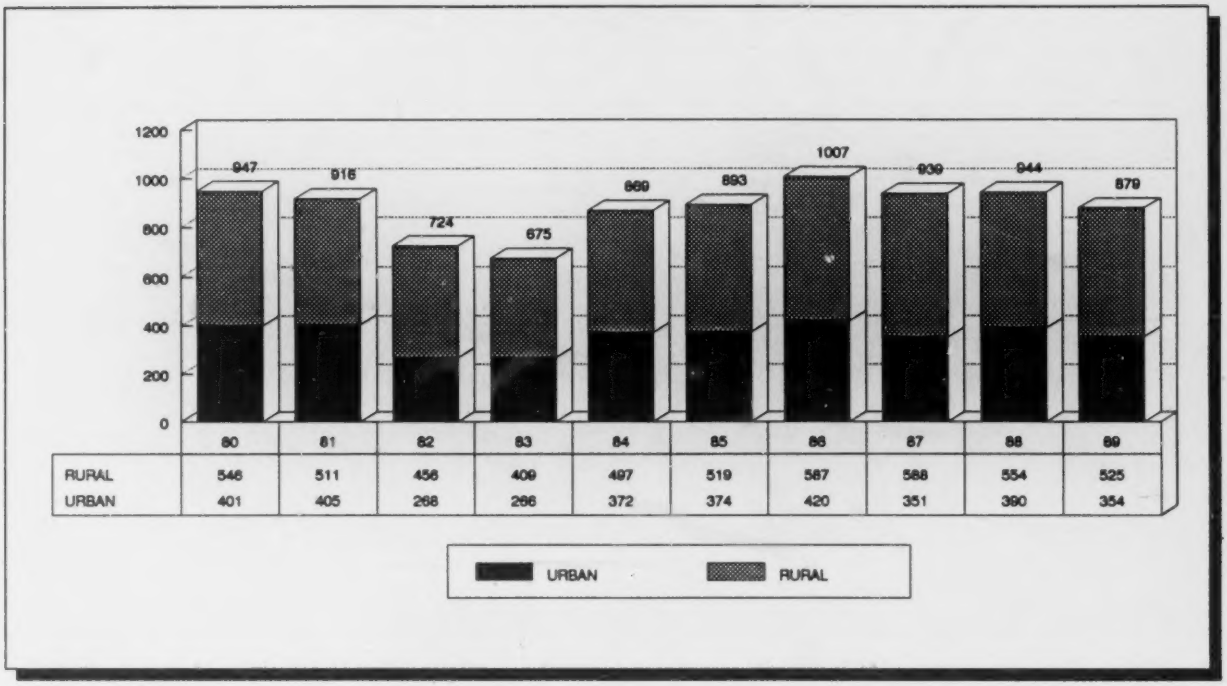
ARIZONA vs U.S.

FATALITY RATE

(Fatalities/100,000,000 V.M.T.)

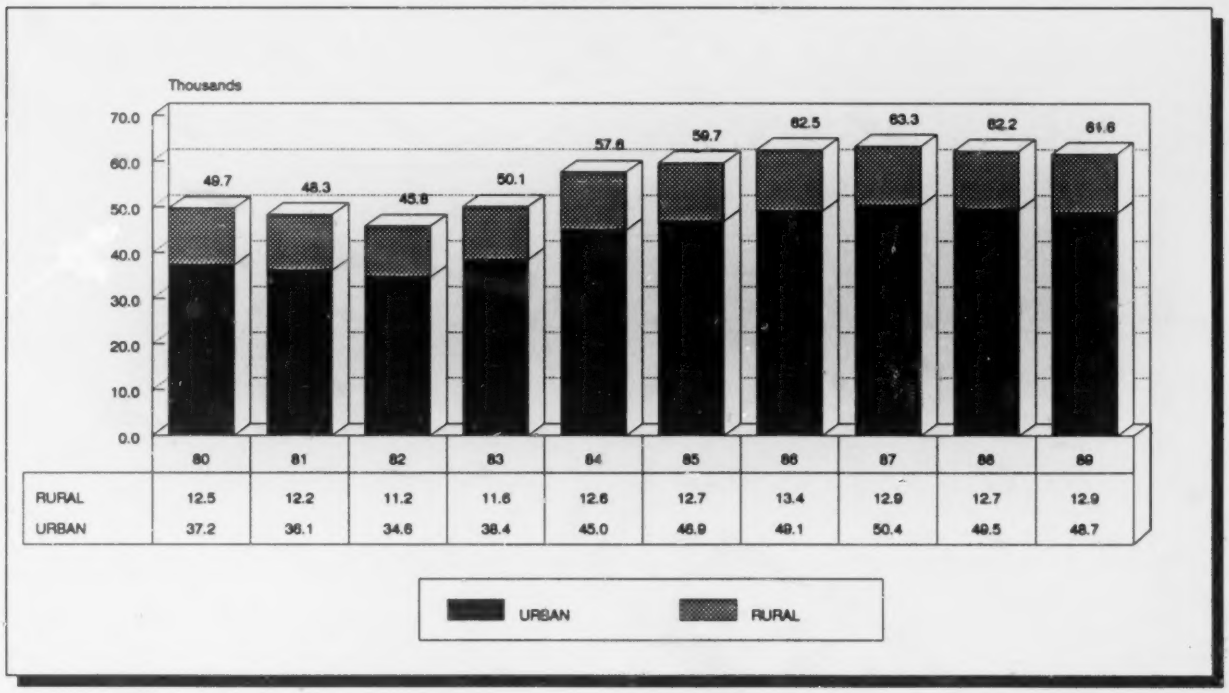


ARIZONA TRAFFIC FATALITIES
BY YEAR



	80	81	82	83	84	85	86	87	88	89
RURAL	546	511	456	409	497	519	587	588	554	525
URBAN	401	405	268	266	372	374	420	351	390	354

ARIZONA TRAFFIC INJURIES
BY YEAR



	80	81	82	83	84	85	86	87	88	89
RURAL	12.5	12.2	11.2	11.6	12.6	12.7	13.4	12.9	12.7	12.9
URBAN	37.2	36.1	34.6	38.4	45.0	46.9	49.1	50.4	49.5	48.7

HOLIDAY ACCIDENT STATISTICS

Holidays such as Memorial Day, Labor Day, and Thanksgiving are regarded as a 3 or 4 day weekend holiday for statistical purposes.

Holidays such as Christmas, New Years, and the Fourth of July are celebrated on specific dates; which also make the holiday period vary from one to four days in length.

Holiday fatality statistics are recorded from 6 p.m. on the last working day prior to the holiday and terminate at midnight on the last day of the holiday period. Example: Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday.

1989 Holidays	BEGIN 6 P.M.	END MIDNIGHT	NUMBER OF DAYS	PEOPLE KILLED	FATAL ACCIDENTS
New Years	Friday 12/30/88	Monday 01/02/89	3	8	7
Memorial Day	Friday 05/26/89	Monday 05/29/89	3	9	8
July 4th	Friday 06/30/89	Tuesday 07/04/89	4	12	12
Labor Day	Friday 09/01/89	Monday 09/04/89	3	13	9
Thanksgiving Day	Wednesday 11/22/89	Sunday 11/26/89	4	9	9
Christmas	Friday 12/22/89	Monday 12/25/89	3	13	9

YEAR	CATEGORY	NEW YEARS	MEMORIAL DAY	JULY 4TH.	LABOR DAY	THANKSGIVING	CHRISTMAS
1985	Fatal Accidents	10	10	18	6	10	2
	Number Killed	11	14	22	6	11	2
	Days in Period	4	3	4	3	4	1
1986	Fatal Accidents	4	7	10	13	4	13
	Number Killed	6	8	11	16	4	14
	Days in Period	1	3	3	3	4	4
1987	Fatal Accidents	11	8	13	20	12	13
	Number Killed	11	10	13	22	12	14
	Days in Period	4	3	3	3	4	3
1988	Fatal Accidents	9	7	14	10	18	9
	Number Killed	9	7	15	12	20	10
	Days in Period	3	3	3	3	4	2
1989	Fatal Accidents	7	8	12	9	9	9
	Number Killed	8	9	12	13	9	13
	Days in Period	3	3	4	3	4	3

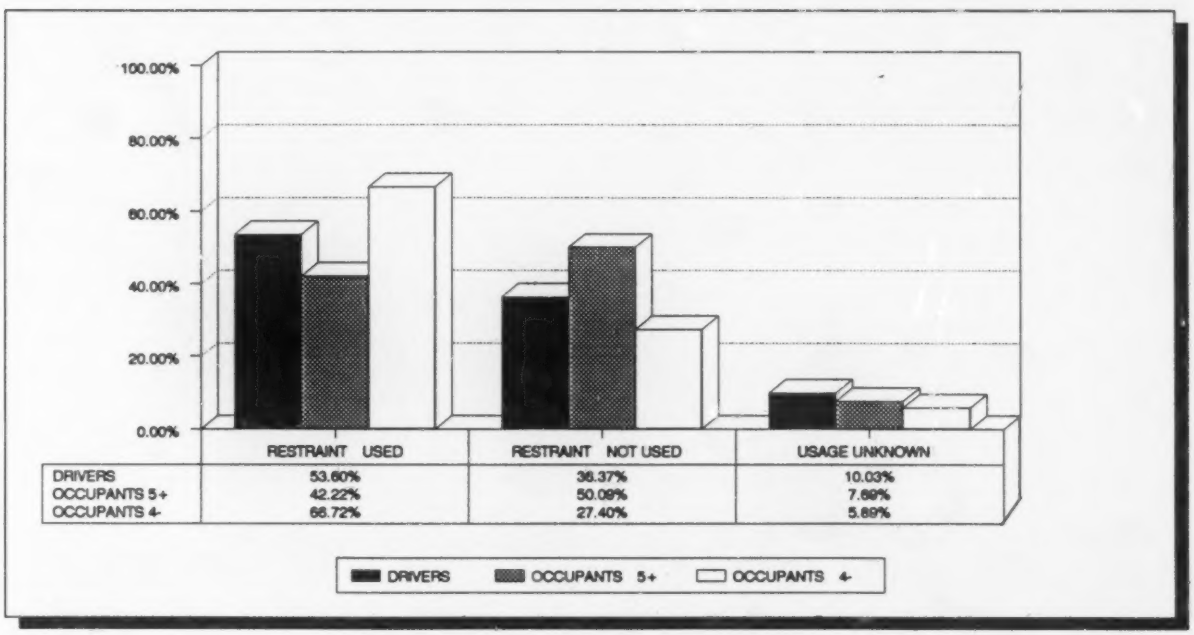
RESTRAINT USAGE

DRIVERS	NUMBER OF DRIVERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL DR. KILLED
Restraint Used	84,536	53.60%	41	0.05%	11.20%
... Not Used	57,357	36.37%	271	0.47%	74.04%
Usage Unknown	15,827	10.03%	54	0.34%	14.75%
TOTAL TESTED	157,720	100.00%	366	0.23%	100.00%

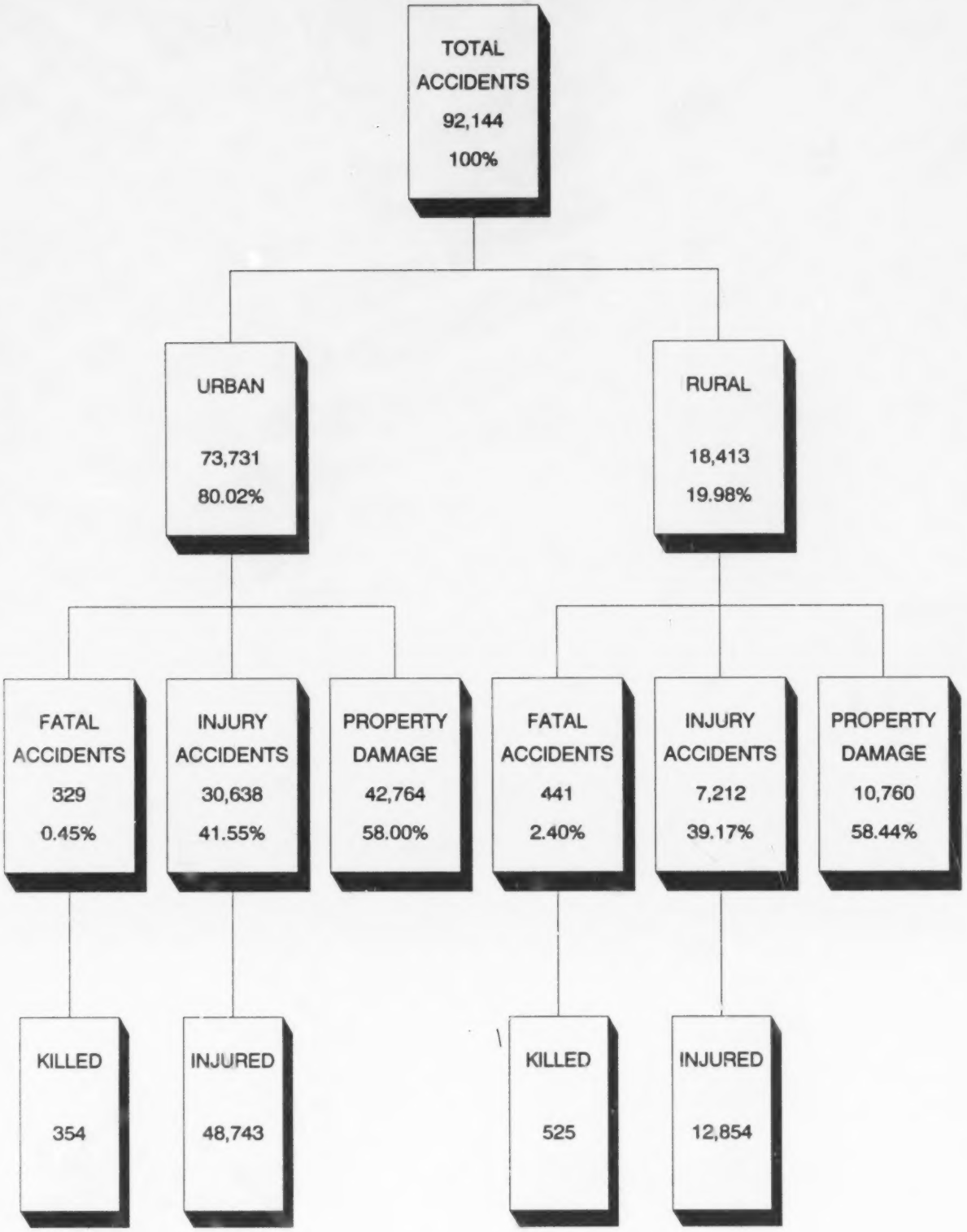
OCCUPANTS 5 AND OLDER	NUMBER OF OCCUPANTS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL 5+ OCC. KILLED
Restraint Used	30,622	42.22%	32	0.10%	13.33%
... Not Used	36,327	50.09%	180	0.50%	75.00%
Usage Unknown	5,580	7.69%	28	0.50%	11.67%
TOTAL TESTED	72,529	100.00%	240	0.33%	100.00%

OCCUPANTS 4 AND UNDER	NUMBER OF OCCUPANTS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL 4- OCC. KILLED
Restraint Used	6,734	66.72%	3	0.04%	18.75%
... Not Used	2,765	27.40%	11	0.40%	68.75%
Usage Unknown	594	5.89%	2	0.34%	12.50%
TOTAL TESTED	10,093	100.00%	16	0.16%	100.00%

PERCENT OF USAGE



GEOGRAPHIC LOCATION



ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES CITIES	NUMBER OF ACCIDENTS TOTAL	FATAL	INJURY	PROP. DAM.	NUMBER OF PERSONS TOTAL KILLED	TOTAL INJ.	ALCOHOL RELATED TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
APACHE COUNTY									
Eager	44	0	12	32	0	15	6	0	3
St. Johns	1	0	0	1	0	0	0	0	0
Springerville	13	0	3	10	0	5	0	0	0
State Rural Rds.	551	19	171	361	22	316	81	7	93
Other Rural Rds.	266	16	90	160	16	173	74	7	73
TOTAL	875	35	276	564	38	509	161	14	169
COCHISE COUNTY									
Benson	28	0	9	19	0	15	1	0	3
Bisbee	66	0	17	49	0	28	6	0	1
Douglas	294	0	46	248	0	64	20	0	5
Huachuca City	3	0	1	2	0	2	0	0	0
Sierra Vista	438	4	152	282	4	227	15	1	14
Tombstone	9	1	0	8	1	0	0	0	0
Willcox	21	0	9	12	0	12	1	0	0
State Rural Rds.	477	15	176	286	17	359	35	1	35
Other Rural Rds.	205	6	79	120	6	128	29	3	30
TOTAL	1,541	26	489	1,026	28	835	107	5	88
COCONINO COUNTY									
Flagstaff	1,695	10	399	1,286	16	639	147	3	84
Fredonia	4	1	1	2	1	3	1	0	3
Page	84	0	28	56	0	39	16	0	12
Sedona	14	0	3	11	0	3	0	0	0
Williams	78	0	17	61	0	25	9	0	4
State Rural Rds.	1,276	26	446	804	34	833	109	11	145
Other Rural Rds.	261	12	90	159	13	154	45	6	27
TOTAL	3,412	49	984	2,379	64	1,696	327	20	275
GILA									
Globe	128	2	47	79	2	75	28	0	26
Hayden	5	0	2	3	0	2	2	0	2
Miami	9	0	4	5	0	7	2	0	0
Payson	69	0	32	37	0	51	6	0	4
Winkelman	NO ACCIDENTS REPORTED IN 1989								
State Rural Rds.	465	6	180	279	7	315	75	2	104
Other Rural Rds.	44	5	13	26	5	27	7	3	12
TOTAL	720	13	278	429	14	477	120	5	148
GRAHAM COUNTY									
Pima	10	0	5	5	0	9	0	0	0
Safford	86	0	44	42	0	78	13	0	23
Thatcher	38	0	18	20	0	35	4	0	7
State Rural Rds.	71	1	37	33	2	65	17	0	27
Other Rural Rds.	43	3	20	20	3	32	6	1	5
TOTAL	248	4	124	120	5	219	40	1	62
GREENLEE COUNTY									
Clifton	19	0	11	8	0	21	7	0	8
Duncan	3	0	1	2	0	2	1	0	0
Morenci	NO ACCIDENTS REPORTED IN 1989								
State Rural Rds.	87	2	36	49	2	49	16	0	10
Other Rural Rds.	19	1	10	8	1	24	4	0	11
TOTAL	128	3	58	67	3	96	28	0	29

ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES CITIES	NUMBER OF ACCIDENTS TOTAL	FATAL	INJURY	PROP. DAM.	NUMBER OF PERSONS TOTAL KILLED	TOTAL INJ.	ALCOHOL RELATED TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
LA PAZ COUNTY									
Parker	20	0	8	12	0	14	2	0	1
State Rural Rds.	361	12	149	200	13	312	31	1	43
Other Rural Rds.	18	8	3	7	10	22	3	3	8
TOTAL	399	20	160	219	23	348	36	4	52
MARICOPA COUNTY									
Avondale	130	0	52	78	0	101	14	0	9
Buckeye	48	0	17	31	0	23	2	0	0
Carefree	3	0	1	2	0	2	0	0	0
Cave Creek	6	0	4	2	0	9	1	0	0
Chandler	1,194	7	488	699	7	831	123	2	142
El Mirage	51	0	31	30	0	53	6	0	7
Gila Bend	7	0	1	6	0	1	1	0	0
Gilbert	325	1	142	182	1	204	47	0	46
Glendale	2,388	16	1,421	951	17	2,443	254	5	324
Goodyear	94	1	38	55	1	69	19	1	15
Guadalupe	37	1	9	27	1	11	8	1	4
Mesa	6,753	31	3,025	3,697	33	4,859	549	4	500
Paradise Valley	264	3	118	143	4	211	18	2	23
Peoria	440	3	132	305	3	206	29	2	29
Phoenix	32,592	134	13,930	18,528	145	22,372	2,647	51	2,607
Scottsdale	2,948	23	1,190	1,735	23	1,970	242	8	254
Surprise	60	1	27	32	1	53	5	0	4
Tempe	6,634	18	2,729	3,887	18	4,142	556	5	569
Tolleson	27	0	7	20	0	9	4	0	3
Wickenburg	75	0	20	55	0	36	5	0	10
Youngtown	NO ACCIDENTS REPORTED IN 1989								
State Rural Rds.	1,296	47	527	722	54	996	171	20	187
Other Rural Rds.	2,340	42	1,098	1,200	51	1,880	305	21	316
TOTAL	57,722	328	25,007	32,387	359	40,481	5,006	122	5,049
MOHAVE COUNTY									
Bullhead City	640	5	247	388	5	403	83	2	83
Colorado City	4	1	0	3	1	0	0	0	0
Kingman	199	4	90	105	6	134	13	4	13
Lake Havasu City	317	6	133	178	7	220	44	4	52
State Rural Rds.	834	31	317	486	45	587	101	7	111
Other Rural Rds.	260	4	102	154	5	169	43	0	43
TOTAL	2,254	51	889	1,314	69	1,513	284	17	302
NAVAJO COUNTY									
Holbrook	10	3	2	5	3	3	1	0	2
Pinetop/Lakeside	74	1	22	51	1	45	6	0	3
Show Low	108	0	41	67	0	68	6	0	11
SnowFlake	37	1	9	27	1	19	5	1	2
Taylor	10	0	5	5	0	6	0	0	0
Winslow	153	1	37	115	1	46	25	0	16
State Rural Rds.	508	13	189	306	16	397	67	9	119
Other Rural Rds.	243	8	85	150	9	136	44	3	41
TOTAL	1,143	27	390	726	31	720	154	13	194

ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES CITIES	NUMBER OF ACCIDENTS TOTAL	FATAL	INJURY	PROP. DAM.	NUMBER OF PERSONS TOTAL KILLED	TOTAL INJ.	ALCOHOL RELATED TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
PIMA COUNTY									
Ajo	3	0	1	2	0	2	1	0	0
Marana	33	0	14	19	0	21	6	0	4
Oro Valley	53	0	17	36	0	24	6	0	3
South Tucson	201	2	63	136	2	98	28	0	13
Tucson	12,396	40	4,799	7,557	41	7,303	1,025	12	888
State Rural Rds.	1,013	18	400	595	23	716	122	13	146
Other Rural Rds.	3,247	28	1,230	1,989	31	1,994	292	12	269
TOTAL	16,946	88	6,524	10,334	97	10,158	1,480	37	1,323
PINAL COUNTY									
Apache Junction	296	3	101	192	3	157	29	1	13
Casa Grande	475	2	196	277	2	312	55	1	47
Coolidge	57	2	16	39	2	30	13	0	11
Eloy	30	1	6	23	1	12	5	1	3
Florence	43	0	13	30	0	21	2	0	1
Kearny	10	0	4	6	0	6	1	0	0
Mammoth	2	0	1	1	0	1	0	0	0
Superior	21	0	4	17	0	6	5	0	3
State Rural Rds.	738	34	308	396	44	582	101	16	107
Other Rural Rds.	500	21	188	291	23	334	88	12	69
TOTAL	2,172	63	837	1,272	75	1,461	299	31	254
SANTA CRUZ COUNTY									
Nogales	178	0	103	75	0	176	30	0	29
Patagonia	4	0	0	4	0	0	1	0	0
State Rural Rds.	118	3	52	63	3	97	21	2	24
Other Rural Rds.	66	1	27	38	1	62	8	0	17
TOTAL	366	4	182	180	4	335	60	2	70
YAVAPAI COUNTY									
Camp Verde	54	1	20	33	1	34	15	0	7
Chino Valley	NO ACCIDENTS REPORTED IN 1989								
Clarkdale	3	0	0	3	0	0	1	0	0
Cottonwood	111	0	38	73	0	69	4	0	6
Jerome	NO ACCIDENTS REPORTED IN 1989								
Prescott	580	1	243	336	1	366	40	0	39
Prescott Valley	81	0	39	42	0	66	11	0	15
State Rural Rds.	925	22	359	544	25	651	84	4	87
Other Rural Rds.	339	9	142	188	11	222	62	6	48
TOTAL	2,093	33	841	1,219	38	1,408	217	10	202
YUMA COUNTY									
San Luis	1	0	0	1	0	0	1	0	0
Somerton	13	0	4	9	0	7	0	0	0
Wellton	5	0	3	2	0	6	2	0	2
Yuma	1,421	4	507	910	4	756	148	2	107
State Rural Rds.	375	10	141	224	15	280	48	2	66
Other Rural Rds.	310	12	156	142	12	292	47	6	58
TOTAL	2,125	26	811	1,288	31	1,341	246	10	233
GRAND TOTAL	92,144	770	37,850	53,524	879	61,597	8,565	291	8,450

ACCIDENTS, DEATHS AND INJURIES ON THE STATE HIGHWAY SYSTEM

TYPE	SUFFIX	ROUTE #	NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
			TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED	POSSIBLE INJURY	NON-INCAP INJURY	INCAP INJURY
I		8	246	14	121	111	18	230	74	110	46
S	B	8	90		36	54		62	31	22	9
I		10	3,338	56	1,074	2,208	60	1,884	644	797	443
S	B	10	35		12	23		26	11	7	8
S	S	10	1			1					
S	X	10	3			3					
I		15	72	4	25	43	5	39	2	24	13
I		17	3,436	22	991	2,423	25	1,578	747	619	212
I		19	271	7	116	148	9	217	72	83	62
I		40	1,256	29	410	817	43	785	205	435	145
S	B	40	326	4	91	231	5	146	54	75	17
S		51	16		8	8		15	9	3	3
U		60	791	24	318	449	28	572	203	250	119
S		61	18	1	5	12	1	9	2	1	6
S		64	82	3	22	57	3	54	12	33	9
U		64	1			1					
S		66	31	3	16	12	4	30	2	14	14
S		67	18	1	4	13	1	11	5	2	4
S		68	104	4	41	59	4	80	28	39	13
S		69	132	4	66	62	4	125	50	47	28
U		70	87	3	47	37	5	96	34	48	14
S		71	8		2	6		2		2	
S		72	11	1	5	5	1	12	1	4	7
S		73	43	3	12	28	3	33	29	3	1
S		74	26	2	10	14	2	25	7	9	9
S	X	74	13		3	10		3	1		2
S		75	15		6	9		7	1	3	3
S		76	2			2					
S		77	166	1	64	101	1	93	38	40	15
S		78	5		1	4		2		1	1
S		80	6		2	4		3	2	1	
U		80	91	4	30	57	4	58	29	16	13
S		82	51	1	22	28	1	34	13	14	7
S		83	46	1	23	22	2	42	6	23	13
S		84	63	5	24	34	11	44	14	16	14
S		85	153	6	67	80	9	143	47	62	34
S	S	85	4		3	1		8		7	1
S		86	100	3	51	46	3	105	42	26	37
S		87	546	17	228	301	18	447	149	205	93
S		88	109	2	41	66	2	72	18	39	15
S	B	89	2	1		1	1	2			2
S	L	89	3		3			4	1	2	1
U		89	781	13	281	487	16	478	159	213	106
U	A	89	408	6	131	271	6	213	56	117	40
S		90	103	3	34	66	4	58	7	37	14
S	S	90	2	1		1	1	3		3	
S		92	79	1	30	48	1	48	12	30	6
U		93	332	13	129	190	20	261	67	121	73
S		95	690	6	288	396	7	499	209	199	91
S	S	95	1			1		129			
U		95	191	5	61	125	8	4	30	65	34
S		96	4		2	2		3		3	1
S		97	7		3	4		51	2	1	
S		98	39	2	18	19	6	2	23	19	9
S		99	6		2	4		2	1		1
S		101	1		1			38		2	
S		143	45	2	13	30	2	114	17	16	5
U		160	162	7	53	102	10	27	75	23	16

Legend
Type: I=Interstate S=State U=U.S. Highway
Suffix: A=Alternate B=Business L=Loop S=Spur X=Temporary

ACCIDENTS, DEATHS AND INJURIES ON THE STATE HIGHWAY SYSTEM

SYSTEM TYPE	SUFFIX	ROUTE #	NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
			TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED	POSSIBLE INJURY	NON-INCAP INJURY	INCAP INJURY
U		163	29		13	16		5	14	8	5
S		169	5		2	3		30		1	4
S		177	40	1	17	22	1	37	12	12	6
S		179	53		21	32		109	9	18	10
U		180	151	3	57	91	4		23	66	20
S		181	5			5					
S		187	1		1			1	1		
S		188	33		11	22		15	3	11	1
S		189	23		18	5		36	15	12	9
U		191	109	4	42	63	4	80	65	11	4
S		238	3		1	2		1		1	
S		260	327	2	107	218	2	219	71	92	56
S		264	123	3	46	74	4	101	73	19	9
S		266	3		3			4		3	1
S		273	22		10	12		16	7	7	2
S		277	17		7	10		7	4	3	
S		279	39		18	21		28	13	11	4
S		280	8		2	6		2		2	
S		286	6		1	5		2		1	1
S		287	24		12	12		26	7	14	5
S		288	15		10	5		20	6	7	7
S		289	3		2	1		4	3	1	
S		360	749	1	225	523	1	350	214	107	29
S		366	6		3	3		7		5	2
S		373	6		1	5		1	1		
S		377	7		2	5		5	1	2	2
S		386	2		1	1		1	1		
S		387	19	1	5	13	1	10	3	2	5
S		389	9		4	5		4	1	2	1
S		587	13		7	6		16	9	7	
U		666	142	1	66	75	1	105	38	42	25
U	X	666	15		8	7		14	7	5	2
TOTALS			16,675	301	5,769	10,605	372	10,284	3,842	4,403	2,039

Legend
Type: I=Interstate S=State U=U.S. Highway
Suffix: A=Alternate B=Business L=Loop S=Spur X=Temporary

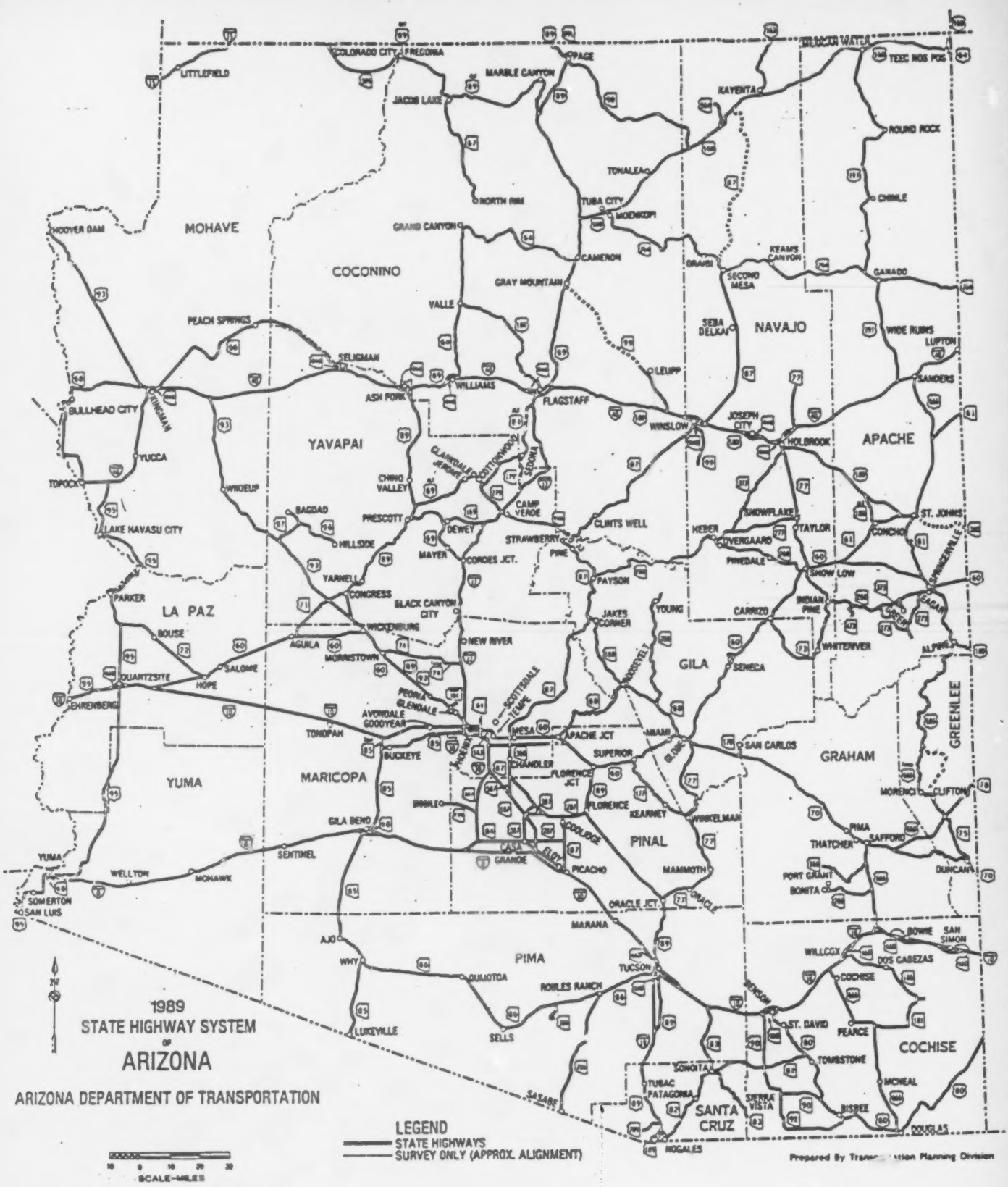
- The figures above do not include the accidents on The State Highway System when a local street name is used as a reference on the accident report form.

Accident Rates On The State Highway System

Averaged Over 1987-1989

(Accidents Per Million Vehicle Miles Of Travel)

URBAN	MILES	RATE	RURAL	MILES	RATE
2 lane	96	1.23	2 lane	4,474	1.02
4 lane	108	2.17	4 lane	100	1.02
4 lane divided	179	1.47	4 lane divided	238	0.94
Freeway	281	1.42	Freeway	2,090	0.66
All Road Categories		1.05			


1989
STATE HIGHWAY SYSTEM
OF
ARIZONA
ARIZONA DEPARTMENT OF TRANSPORTATION
LEGEND
STATE HIGHWAYS
SURVEY ONLY (APPROX. ALIGNMENT)
SCALE-MILES
MOHAVE
COCONINO
YAVAPAI
NAVAJO
APACHE
LA PAZ
YUMA
MARICOPA
PINAL
GILA
GRAHAM
GREENLEE
PIMA
SANTA CRUZ
COCHISE
GRAND CANYON
PAGE
FLAGSTAFF
WILLIAMS
PRESCOTT
KINGMAN
LAKE HAVASU CITY
PARKER
YUMA
SOMERTON
SAN LUIS
NOGALES
TUCSON
PHOENIX
MESA
SCOTTSDALE
TEMPE
GLENDALE
PEORIA
AVONDALE
GOODYEAR
CASA GRANDE
FLORENCE
SAFFORD
THATCHER
SHOW LOW
WINSLOW
HOLBROOK
PAYSON
GLOBE
MIAMI
SAN CARLOS
WHITERIVER
SPRINGERVILLE
ST. JOHNS
DOUGLAS
BISBEE
BENSON
WILLCOX
BOWIE
PEARCE
TOMBSTONE
SIERRA VISTA
PATAGONIA
NOGALES
ORACLE JCT.
APACHE JCT
CHANDLER
MARANA
ROBLES RANCH
SELLS
AJO
WHY
LUKEVILLE
GILA BEND
BUCKEYE
TONOPAH
WICKENBURG
BLACK CANYON CITY
CONGRESS
YARNELL
HILLSIDE
CHINO VALLEY
CLARKDALE
JEROME
COTTONWOOD
SEDONA
CAMP VERDE
DEWEY
MAYER
CORDES JCT.
STRAWBERRY
PINE
CLINTS WELL
JAKES CORNER
YOUNG
CARRIZO
SENECA
HEBER
OVERGAARD
SNOWFLAKE
TAYLOR
PINEDALE
CONCHO
INDIAN PINE
GREER
SUNRISE
SAGAR
ALPINE
SUPERIOR
KEARNEY
WINKELMAN
FLORENCE JCT
PICACHO
MAMMOTH
ORACLE
DUNCAN
FORT GRANT
BONITA
CLIFTON
MORENCI
PIMA
SAFFORD
THATCHER
COCHISE
DOS CABEZAS
WILLCOX
BOWIE
SAN SIMON
ST. DAVID
SONOITA
TUBAC
PATAGONIA
SIERRA VISTA
BISBEE
DOUGLAS
MCNEAL
TOMBSTONE
COCHISE
SAHUARITA
ROBLES RANCH
QUIJOTOA
SELLS
LUKEVILLE
AJO
WHY
GILA BEND
BUCKEYE
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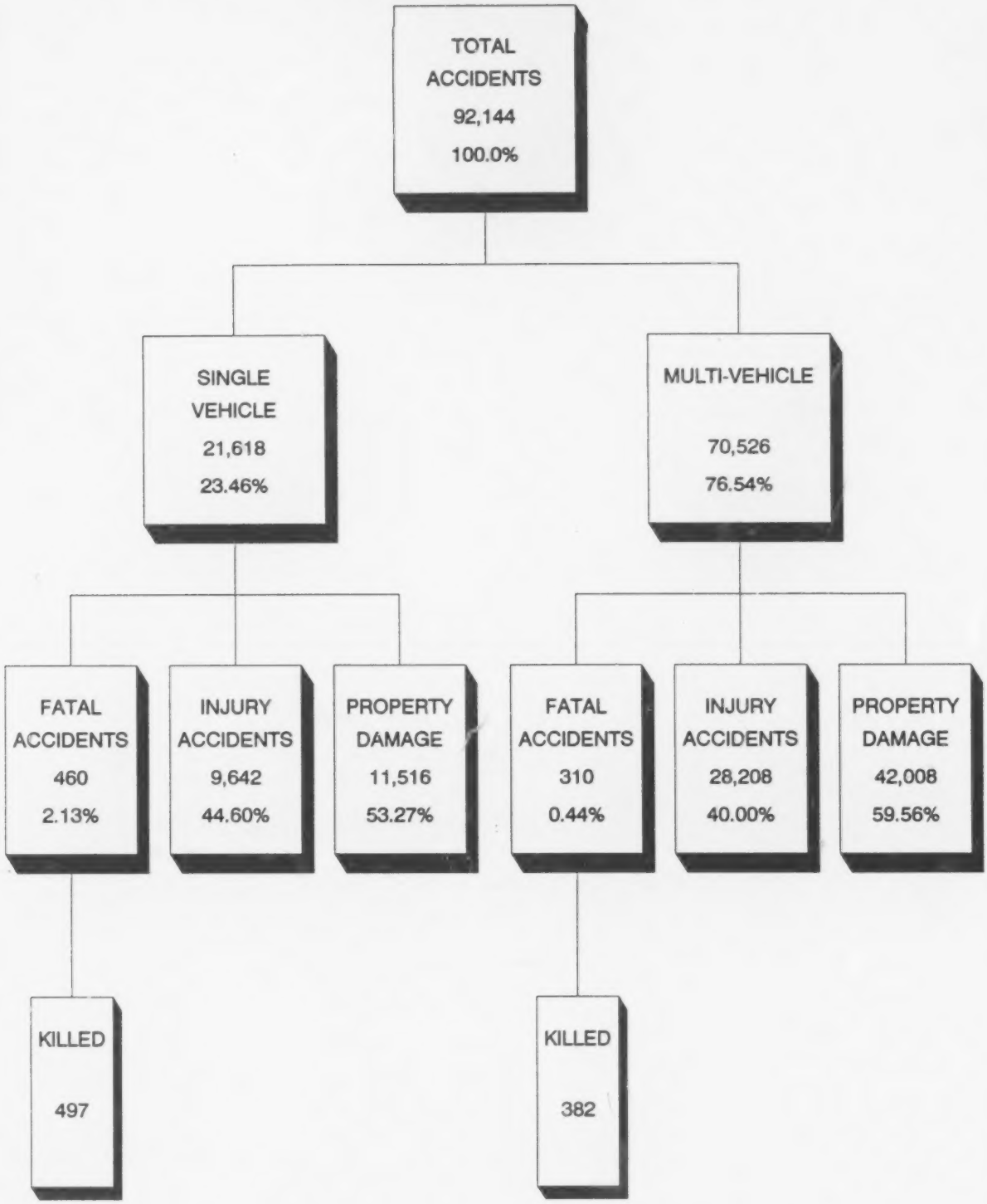
CONCHO
ST. JOHNS
SPRINGERVILLE
SUNRISE
GREER
INDIAN PINE
SAGAR
ALPINE
HOLBROOK
WINSLOW
JOSEPH CITY
LEUPP
SEBA DELKAI
KEAMS CANYON
ORAIBI
SECOND MESA
GANADO
WIDE RUINS
LUPTON
SANDERS
CHINLE
ROUND ROCK
TEEC NOS POS
KAYENTA
TUBA CITY
MOENKOPI
TONALEA
NORTH RIM
GRAY MOUNTAIN
VALLE
CAMERON
MARBLE CANYON
JACOB LAKE
COLORADO CITY
FREDONIA
LITTLEFIELD
HOOVER DAM
PEACH SPRINGS
SELIGMAN
ASH FORK
WILLIAMS
FLAGSTAFF
BULLHEAD CITY
YUCCA
TOPOCK
WIKIEUP
BAGDAD
PRESCOTT
DEWEY
CAMP VERDE
MAYER
CORDES JCT.
HILLSIDE
YARNELL
CONGRESS
BLACK CANYON CITY
WICKENBURG
NEW RIVER
AGUILA
MORRISTOWN
BOUSE
QUARTZSITE
SALOME
HOPE
EHRENBERG
PARKER
LAKE HAVASU CITY
TOPOCK
YUCCA
BULLHEAD CITY
KINGMAN
HOOVER DAM
YUMA
WELLTON
MOHAWK
SENTINEL
GILA BEND
SOMERTON
SAN LUIS
NORTH RIM
GRAND CANYON
MOHAVE
COCONINO
YAVAPAI
NAVAJO
APACHE
LA PAZ
YUMA
MARICOPA
PINAL
GILA
GRAHAM
GREENLEE
PIMA
SANTA CRUZ
COCHISE

ACCIDENT DESCRIPTION



TYPE OF ACCIDENT
BY FIRST HARMFUL EVENT

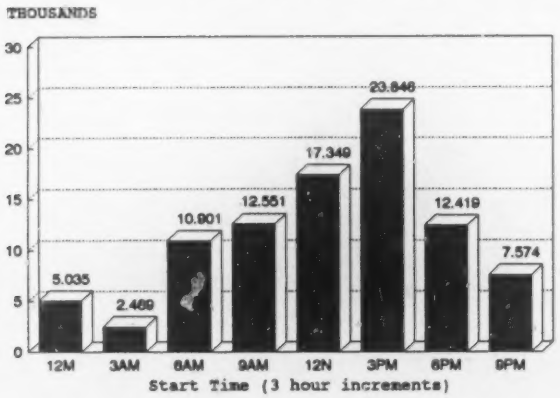
STATEWIDE	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
Overturning	2,995	144	1,672	1,179	155	3,001
Other Non-Collision	2,026	15	873	1,140	15	1,041
Pedestrian	1,387	126	1,261	0	130	1,332
Motor Vehicle in Transit	68,257	271	27,672	40,314	339	48,019
Motor Vehicle Other Roadway	6	2	1	3	2	3
Parked Motor Vehicle	3,291	9	543	2,739	9	661
Railway Train	36	3	10	23	5	11
Pedalcyclist	1,864	30	1,834	0	30	1,864
Animal	1,190	8	163	1,019	12	227
Fixed Object	10,413	156	3,739	6,518	176	5,325
Other Object	677	6	82	589	6	113
TOTALS	92,144	770	37,850	53,524	879	61,597

URBAN	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
Overturning	472	13	272	187	13	428
Other Non-Collision	1,000	5	575	420	5	671
Pedestrian	1,200	82	1,118	0	83	1,176
Motor Vehicle in Transit	59,784	145	24,366	35,273	165	41,402
Motor Vehicle Other Roadway	3	1	0	2	1	1
Parked Motor Vehicle	2,876	6	490	2,380	6	593
Railway Train	23	1	7	15	3	7
Pedalcyclist	1,709	20	1,689	0	20	1,719
Animal	114	1	31	82	1	34
Fixed Object	6,206	53	2,050	4,103	55	2,662
Other Object	344	2	40	302	2	50
TOTALS	73,731	329	30,638	42,764	354	48,743

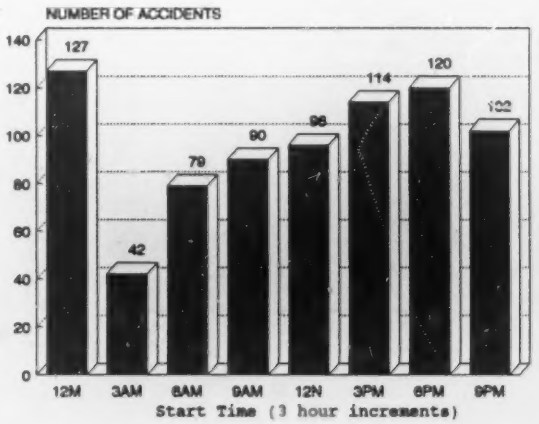
RURAL	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
Overturning	2,523	131	1,400	992	142	2,573
Other Non-Collision	1,028	10	298	720	10	370
Pedestrian	187	44	143	0	47	156
Motor Vehicle in Transit	8,473	126	3,306	5,041	174	6,617
Motor Vehicle Other Roadway	3	1	1	1	1	2
Parked Motor Vehicle	415	3	53	359	3	68
Railway Train	13	2	3	8	2	4
Pedalcyclist	155	10	145	0	10	145
Animal	1,076	7	132	937	11	193
Fixed Object	4,207	103	1,689	2,415	121	2,663
Other Object	333	4	42	287	4	63
TOTALS	18,413	441	7,212	10,760	525	12,854

ACCIDENTS BY TIME OF DAY

TOTAL ACCIDENTS

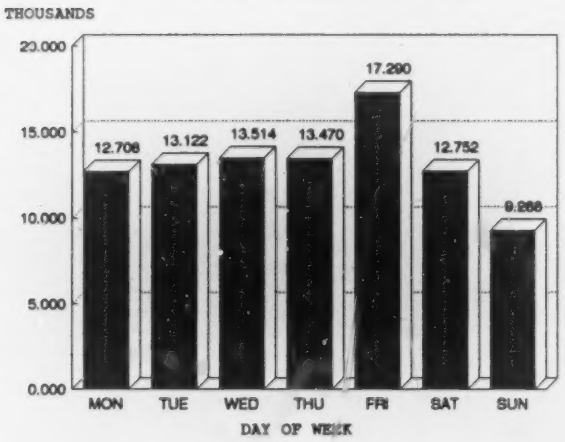


FATAL ACCIDENTS

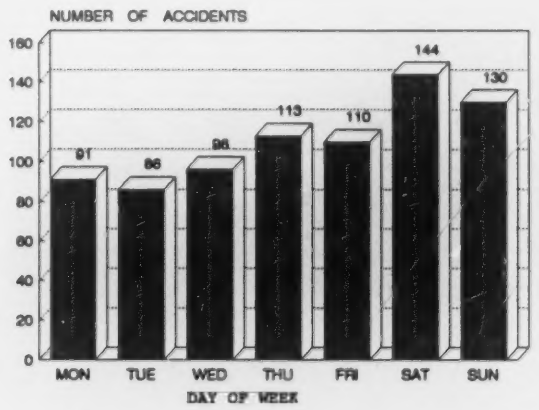


ACCIDENTS BY DAY OF WEEK

TOTAL ACCIDENTS

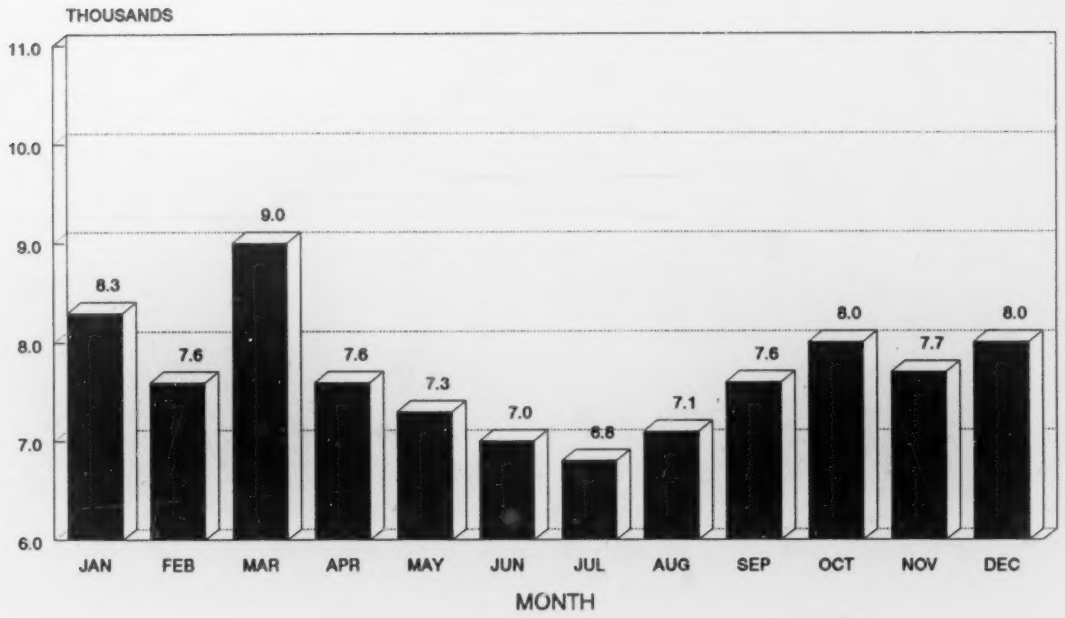


FATAL ACCIDENTS

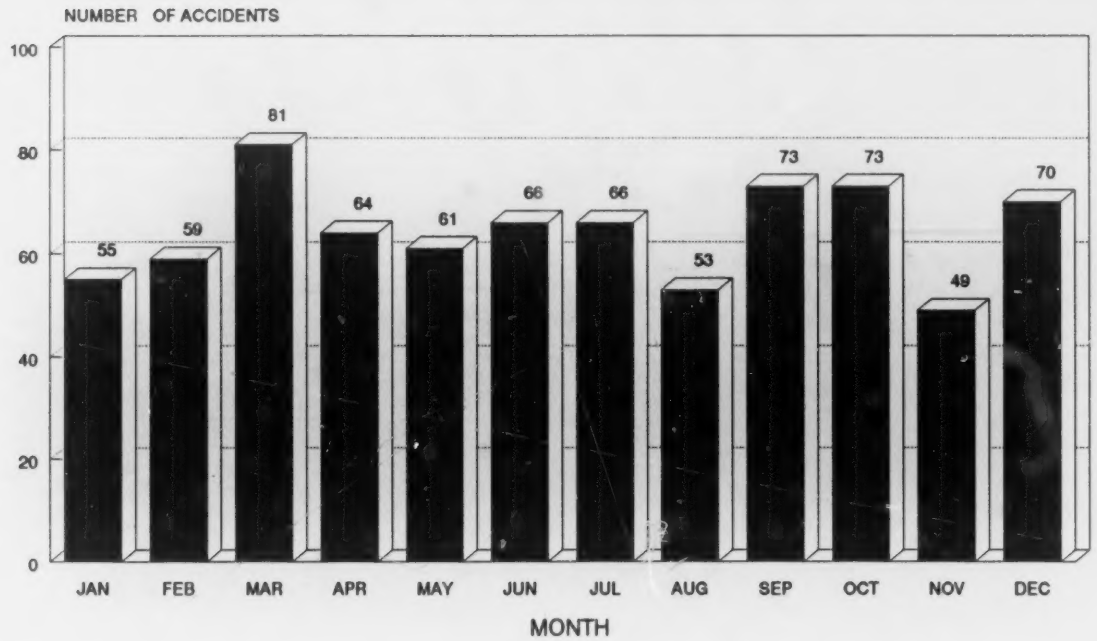


ACCIDENTS BY MONTH

TOTAL ACCIDENTS



FATAL ACCIDENTS



MULTI - VEHICLE ACCIDENTS

SEVERITY	TOTAL	HEAD-ON	REAR-END	SIDE SWIPE MEETING	SIDE SWIPE PASSING	LEFT TURN	OTHER ANGLE	BACKED INTO	OTHER
All Acc.	70,530	372	26,413	354	2,446	9,459	15,847	1,629	14,010
Fatal Acc.	310	40	38	13	8	41	84	0	86
Injury Acc.	28,211	218	11,485	124	509	4,820	7,025	131	3,899

NUMBER OF VEHICLES INVOLVED

NUMBER OF VEHICLES	NUMBER OF ACCIDENTS	PERCENT
1	21,618	23.46%
2	62,704	68.05%
3	6,560	7.12%
4	1,053	1.14%
5+	209	0.23%
TOTALS	92,144	100.00%

VEHICLE MIX IN MULTI - VEHICLE ACCIDENTS

VEHICLE TYPE	PASSENGER CAR	PICKUP	TRUCK	BUS	MOTORCYCLE	OTHER VEHICLE
Passenger Car	78 27,627	66 20,906	14 1,200	1 329	18 1,189	18 3,085
Pickup / Van		13 4,235	12 480	2 155	12 398	6 1,311
Truck			4 121	0 7	0 15	0 102
Bus				0 6	1 7	0 28
Motorcycle					0 18	9 73
Other Vehicle						1 172

LEGEND: FATAL ACCIDENTS / TOTAL ACCIDENTS

ENVIRONMENTAL FACTORS

LIGHT CONDITIONS

LIGHT CONDITION	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Daylight	64,822	372	26,336	38,114	439	42,282
Dawn or Dusk	3,971	46	1,627	2,298	50	2,643
Darkness	23,241	352	9,854	13,035	390	16,630
Not Reported	110	0	33	77	0	42
TOTALS	92,144	770	37,850	53,524	879	61,597

WEATHER CONDITIONS

WEATHER CONDITION	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Clear	80,276	650	33,260	46,366	740	54,101
Raining	2,516	21	930	1,565	23	1,532
Cloudy	7,950	58	3,238	4,654	65	5,234
Snowing	476	4	109	363	5	182
Strong Wind	409	9	157	243	10	247
Dust	51	1	21	29	2	71
Fog	36	2	11	23	7	53
Not reported	430	25	124	281	27	177
TOTALS	92,144	770	37,850	53,524	879	61,597

ROAD SURFACE CONDITIONS

SURFACE CONDITION	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Dry	84,994	694	35,247	49,053	794	57,288
Wet	3,572	30	1,329	2,213	33	2,180
Snowy or Icy	1,096	8	291	797	14	514
Other	2,482	38	983	1,461	38	1,615
TOTALS	92,144	770	37,850	53,524	879	61,597

ROAD CHARACTERISTICS

ROAD SURFACE TYPE

ROAD SURFACE TYPE	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Asphalt	85,330	685	35,679	48,966	790	58,094
Concrete	4,366	22	1,285	3,059	23	2,007
Gravel	426	10	159	257	10	262
Dirt	1,531	32	548	951	33	982
Other	76	1	24	51	1	34
Not Reported	415	20	155	240	22	218
TOTALS	92,144	770	37,850	53,524	879	61,597

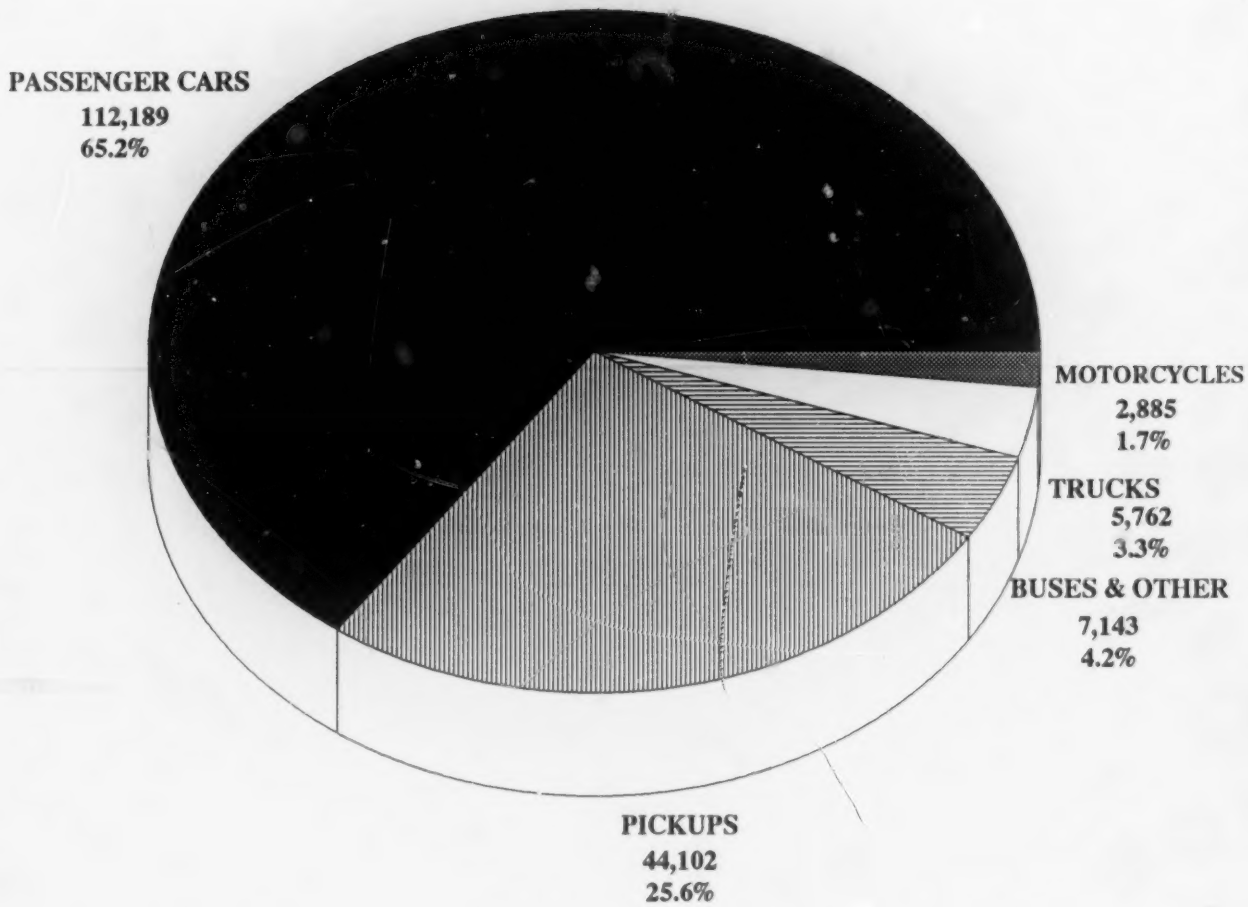
ROAD GRADE TYPE

ROAD GRADE TYPE	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Level	81,905	589	33,850	47,466	668	54,882
Downgrade	5,133	99	2,071	2,963	116	3,571
Upgrade	3,468	44	1,286	2,138	54	2,094
Hillcrest	329	6	124	199	7	236
Dip	161	1	65	95	1	104
Not Reported	1,148	31	454	663	33	710
TOTALS	92,144	770	37,850	53,524	879	61,597

UNUSUAL ROAD CONDITIONS

UNUSUAL ROAD CONDITIONS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
No Unusual Condition	87,210	725	36,038	50,447	825	58,661
Under Construction Thru Traffic Allowed	3,080	17	1,112	1,951	23	1,764
Under Construction Traffic Detoured	60	1	18	41	1	25
Under Repairs	134	1	51	82	1	75
Holes, Ruts, Bumps	579	15	266	298	16	463
Obstruction Protected	34	1	17	16	1	43
Obstruction Unprotected	98	2	18	78	4	29
Obstruction Unlighted At Night	50	2	13	35	2	20
Defective Shoulders	43	0	17	26	0	23
Changing Road Width	377	5	140	232	5	236
Flooded	133	1	51	81	1	74
Temp. Lane Closure	346	0	109	237	0	184
TOTALS	92,144	770	37,850	53,524	879	61,597

MOTOR VEHICLE AND DRIVER CHARACTERISTICS



TOTAL VEHICLES: 172,081

MOTOR VEHICLE REGISTRATION AND ACCIDENT INVOLVEMENT

1989 MOTOR VEHICLE REGISTRATION

Passenger Car	1,750,868
Commercial Vehicles	317,432
Non-Commercial (Pickups, Etc.)	402,248
Motorcycles	72,249
Other	3,733
TOTAL	2,546,530

MOTOR VEHICLE ACCIDENT INVOLVEMENT BY TYPE

MOTOR VEHICLE TYPE	ALL ACCIDENTS NUMBER	ALL ACCIDENTS PERCENT	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE
Passenger Car	111,950	65.06%	594	47,893	63,463
Passenger Car and Trailer	239	0.14%	5	66	168
Pick Up Truck (Incl. Panel & Mini Bus)	42,030	24.42%	323	16,520	25,187
Pickup Truck with Camper	2,072	1.20%	16	828	1,228
Truck Tractor (only)	252	0.15%	0	90	162
Truck Tractor And Semi-Trailer	2,820	1.64%	66	799	1,955
Med/Heavy Truck or Comb.	2,690	1.56%	27	867	1,796
Farm Tractor and/or Farm Equipment	24	0.01%	0	7	17
Taxicab	153	0.09%	0	66	87
Bus	443	0.26%	7	131	305
School Bus	237	0.14%	1	60	176
Motorcycle	2,885	1.68%	78	2,450	357
Motor Scooter, Motor Bicycle, Moped	18	0.01%	0	14	4
Recreational Vehicle	3,506	2.04%	46	1,500	1,960
Motor Home or House Car	410	0.24%	5	109	296
Emergency Vehicle (Including Privately Owned)	70	0.04%	0	26	44
Other Type Vehicle	149	0.09%	1	55	93
Vehicle Type Not Reported	2,133	1.24%	36	471	1,626
TOTALS	172,081	100.00%	1,205	71,952	98,924

LICENSED DRIVERS IN ARIZONA - BY AGE

AGE GROUP	MALE NUMBER	MALE PERCENT	FEMALE NUMBER	FEMALE PERCENT	TOTAL NUMBER	TOTAL PERCENT	CUMALATIVE PERCENT
* 15	2,920	0.24%	2,547	0.22%	5,467	0.23%	0.23%
16	13,232	1.07%	11,433	0.97%	24,665	1.02%	1.25%
17	17,022	1.38%	14,858	1.26%	31,880	1.32%	2.57%
18	21,646	1.75%	19,411	1.65%	41,057	1.70%	4.27%
19	24,079	1.95%	21,748	1.84%	45,827	1.90%	6.16%
20	22,614	1.83%	21,161	1.79%	43,775	1.81%	7.97%
21	23,406	1.89%	21,642	1.84%	45,048	1.86%	9.84%
22	23,648	1.91%	22,076	1.87%	45,724	1.89%	11.73%
23	24,182	1.96%	22,731	1.93%	46,913	1.94%	13.67%
24	26,105	2.11%	24,804	2.10%	50,909	2.11%	15.78%
25-34	301,676	24.39%	287,832	24.41%	589,508	24.40%	40.18%
35-44	265,544	21.47%	246,586	20.91%	512,130	21.20%	61.38%
45-54	169,133	13.68%	162,234	13.76%	331,367	13.72%	75.09%
55-64	131,955	10.67%	129,295	10.96%	261,250	10.81%	85.91%
65-74	113,701	9.19%	115,862	9.82%	229,563	9.50%	95.41%
75 & Up	55,884	4.52%	55,090	4.67%	110,974	4.59%	100.00%
TOTALS	1,236,747	100.00%	1,179,310	100.00%	2,416,057	100.00%	100.00%

* Age 15 is instructional Permit Only

DRIVER ACCIDENT INVOLVEMENT - BY AGE

AGE GROUP	ALL ACCIDENTS NUMBER	ALL ACCIDENTS PERCENT	FATAL ACCIDENTS NUMBER	FATAL ACCIDENTS PERCENT	INJURY ACCIDENTS NUMBER	INJURY ACCIDENTS PERCENT
15 & Younger	703	0.41%	9	0.75%	297	0.41%
16	3,832	2.23%	18	1.49%	1,626	2.26%
17	4,933	2.87%	24	1.99%	2,179	3.03%
18	6,409	3.72%	57	4.73%	2,832	3.94%
19	6,274	3.65%	43	3.57%	2,705	3.76%
20	5,600	3.25%	30	2.49%	2,540	3.53%
21	5,300	3.08%	35	2.90%	2,387	3.32%
22	5,066	2.94%	37	3.07%	2,207	3.07%
23	5,009	2.91%	38	3.15%	2,183	3.03%
24	5,163	3.00%	35	2.90%	2,282	3.17%
25-34	44,502	25.86%	287	23.82%	18,932	26.31%
35-44	28,786	16.73%	201	16.68%	12,232	17.00%
45-54	15,600	9.07%	118	9.79%	6,628	9.21%
55-64	10,857	6.31%	98	8.13%	4,544	6.32%
65-74	8,308	4.83%	55	4.56%	3,493	4.85%
75 & Up	4,539	2.64%	54	4.48%	1,953	2.71%
Not Reported	11,200	6.51%	66	5.48%	2,932	4.07%
TOTALS	172,081	100.00%	1,205	100.00%	71,952	100.00%

DRIVER ERRORS

CONTRIBUTING CIRCUMSTANCES	ALL ACCIDENTS NUMBER OF CASES	ALL ACCIDENTS % Of (Units)	FATAL ACCIDENTS NUMBER OF CASES	FATAL ACCIDENTS % Of (Units)	INJURY ACCIDENTS NUMBER OF CASES	INJURY ACCIDENTS % Of (Units)
Speed To Fast For Conditions	33,600	19.53%	279	23.15%	14,853	20.64%
Exceeded Lawful Speed Limit	2,007	1.17%	106	8.80%	1,039	1.44%
Failed To Yield Right-of-Way	21,856	12.70%	81	6.72%	9,845	13.68%
Ran Stop Sign	1,619	0.94%	26	2.16%	862	1.20%
Disregarded Traffic Signal	4,634	2.69%	32	2.66%	2,592	3.60%
Drove Left Of Center	1,765	1.03%	91	7.55%	800	1.11%
Followed To Closely	2,749	1.60%	4	0.33%	1,019	1.42%
Made Improper Turn	3,762	2.19%	14	1.16%	1,141	1.59%
Inattention	21,835	12.69%	162	13.44%	8,914	12.39%
Other Improper Action	14,668	8.52%	123	10.21%	4,335	6.02%
No Improper Action	78,389	45.55%	386	32.03%	34,037	47.31%
Not Reported/Unknown	8,199	4.76%	164	13.61%	2,490	3.46%
TOTAL CONTRIBUTING CIRCUMSTANCES	195,083	**	1,468	**	81,927	**
NUMBER OF UNITS	172,081		1,205		71,952	

** Totals more than 100% because of multiple driver errors.

DRIVERS AND OCCUPANTS KILLED AND INJURED - BY VEHICLE TYPE

TYPE OF MOTOR VEHICLE	DRIVERS KILLED	DRIVERS INJURED	OCCUPANTS KILLED	OCCUPANTS INJURED
Passenger Car	226	25,653	157	14,348
Passenger Car and Trailer	2	25	2	51
Pickup & Panel Trucks	101	7,659	78	4,667
Pickup Truck w/camper	5	420	5	324
Truck Tractor (Only)	0	20	0	12
Truck Tractor And Semi-Trailer	9	257	4	111
Med/Heavy Truck or Combination	2	257	4	100
Farm Tractor and/or Equipment	0	1	0	0
Taxicab	0	38	0	24
Bus	0	27	0	193
Motorcycle	72	2,354	6	391
Motor Scooter, Motor Bicycle	0	8	0	2
Moped	0	5	0	2
Recreational Vehicle	22	714	8	511
Motor Home	0	37	1	48
Emergency Vehicle	0	12	0	14
Other Type of Vehicle	1	30	0	7
Vehicle Type Not Stated	6	43	8	36
TOTAL	446	37,560	273	20,841

SEX OF DRIVER INVOLVED IN ACCIDENTS

SEX OF DRIVER	ALL ACCIDENTS NUMBER	ALL ACCIDENTS PERCENT	FATAL ACCIDENTS NUMBER	FATAL ACCIDENTS PERCENT	NON - FATAL INJURY ACCIDENTS NUMBER	NON - FATAL INJURY ACCIDENTS PERCENT
Male	103,509	60.2%	866	71.9%	42,960	59.7%
Female	60,881	35.4%	286	23.7%	27,274	37.9%
Not Reported	7,691	4.5%	53	4.4%	1,718	2.4%
TOTALS	172,081	100.0%	1,205	100.0%	71,952	100.0%

RESIDENCE OF DRIVERS INVOLVED IN ACCIDENTS

RESIDENCE OF DRIVER	ALL ACCIDENTS NUMBER	ALL ACCIDENTS PERCENT	FATAL ACCIDENTS NUMBER	FATAL ACCIDENTS PERCENT	NON - FATAL INJURY ACCIDENTS NUMBER	NON - FATAL INJURY ACCIDENTS PERCENT
Arizona Resident	138,394	80.4%	884	73.4%	59,611	82.8%
Non-Resident	18,404	10.7%	219	18.2%	7,374	10.2%
Not Reported	15,283	8.9%	102	8.5%	4,967	6.9%
TOTALS	172,081	100.0%	1,205	100.0%	71,952	100.0%

DRIVERS PHYSICAL CONDITION

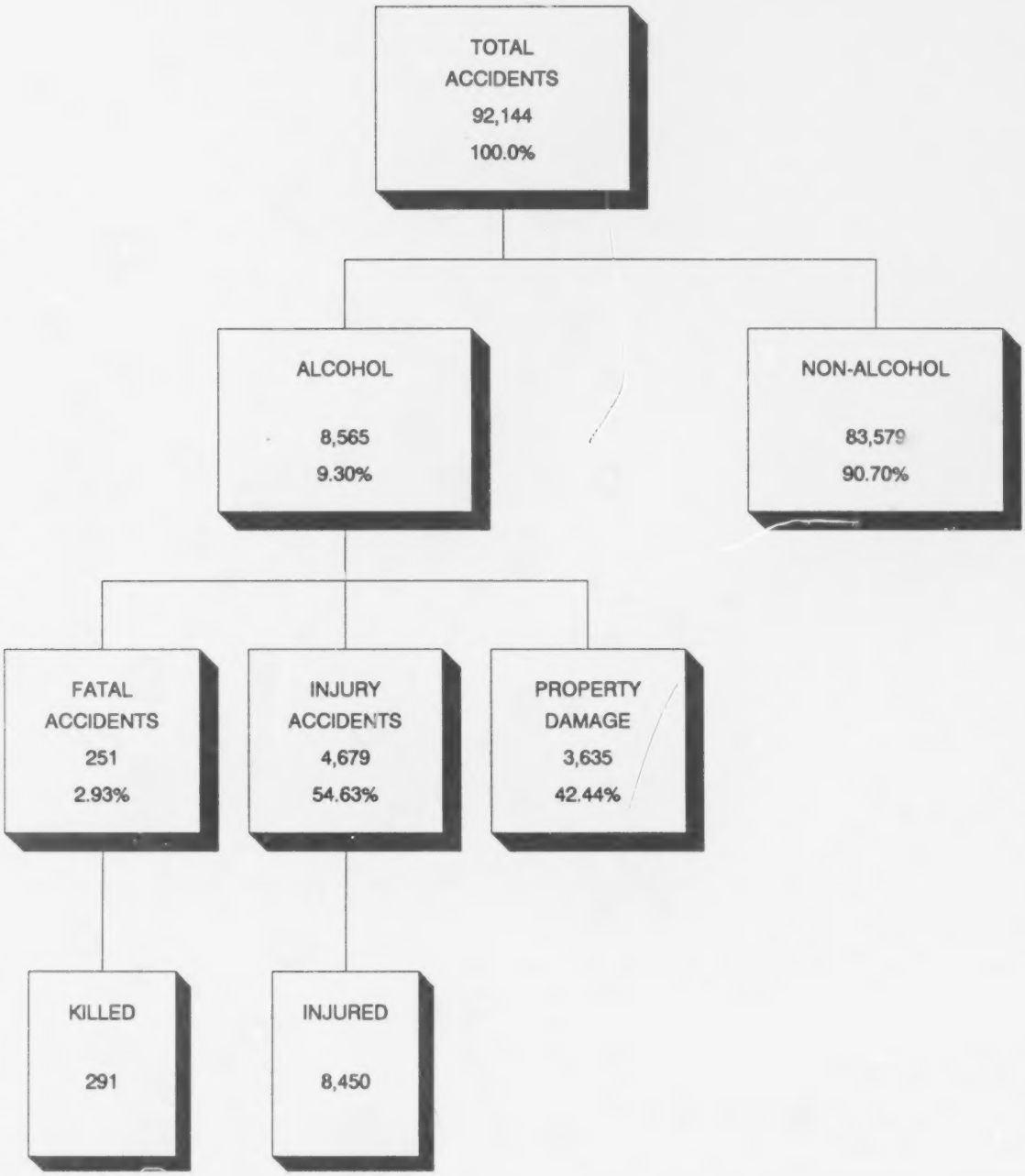
DRIVER CONDITION	ALL ACCIDENTS NUMBER OF CASES	ALL ACCIDENTS % (OF UNITS)	FATAL ACCIDENTS NUMBER OF CASES	FATAL ACCIDENTS % (OF UNITS)	INJURY ACCIDENTS NUMBER OF CASES	INJURY ACCIDENTS % (OF UNITS)
Had Been Drinking	8,739	5.08%	268	22.24%	4,790	6.66%
Ill, Ability Influenced	313	0.18%	7	0.58%	174	0.24%
Other Bodily Defects	478	0.28%	1	0.08%	258	0.36%
Use Of Narcotic Drugs	317	0.18%	11	0.91%	171	0.24%
Sleepy, Fatigued	2,093	1.22%	61	5.06%	1,161	1.61%
No Apparent Defects	146,606	85.20%	603	50.04%	61,375	85.30%
Not Reported	14,073	8.18%	283	23.49%	4,351	6.05%
TOTALS	172,619		1,234	*	72,280	*
NUMBER OF UNITS	172,081		1,205		71,952	

* Totals more than 100% because of multiple conditions.

HIT AND RUN ACCIDENTS

HIT AND RUN	NUBER OF ACCIDENTS TOTAL	FATAL	INJURED	PROP. DAM.	TOTAL KILLED	TOTAL INJURED
YES	8,951	38	2,436	6,477	39	3,432
NO	83,193	732	35,414	47,047	840	58,165
TOTALS	92,144	770	37,850	53,524	879	61,597

ALCOHOL - RELATED ACCIDENTS



The statistics in the Alcohol - Related section represent those accidents where the investigating officer indicated that a driver had been drinking an alcoholic beverage and may or may not be substantiated by a blood or breath test. No assumption is to be made that the person was legally intoxicated (blood alcohol content of 0.1 % or higher) at the time the accident took place.

ALCOHOL RELATED ACCIDENTS AND FATALITIES 1985-1989

YEAR	TOTAL ALCOHOL RELATED ACCIDENTS	PERCENT OF ALL ACCIDENTS	PERSONS KILLED	PERCENT OF TOTAL KILLED
1985	10,599	11.40%	325	36.40%
1986	10,972	11.00%	387	38.40%
1987	9,596	9.68%	350	37.27%
1988	9,013	9.37%	334	35.38%
1989	8,565	9.30%	291	33.11%

AGE OF DRIVERS INVOLVED IN ALCOHOL RELATED ACCIDENTS

AGE OF DRIVER	NUMBER OF DRIVERS	PERCENT OF TOTAL	NUMBER OF DRIVERS IN FATAL ACC.	NUMBER OF DRIVERS IN INJURY ACC.
15	29	0.33%	2	16
16	73	0.84%	2	38
17	148	1.69%	4	79
18	267	3.06%	19	131
19	293	3.35%	11	166
20	292	3.34%	6	178
21	433	4.96%	10	273
22	382	4.37%	16	208
23	387	4.43%	13	211
24	393	4.50%	12	232
25-34	3,106	35.55%	93	1,681
35-44	1,859	21.28%	46	986
45-54	586	6.71%	20	327
55-64	315	3.61%	5	173
65-74	143	1.64%	3	77
75 & Older	31	0.35%	4	14
TOTAL	8,737	100.00%	266	4,790

TYPE OF ALCOHOL RELATED ACCIDENT

TYPE OF MOTOR VEHICLE ACCIDENT	TOTAL	FATAL	NON-FATAL INJURY	PROPERTY DAMAGE
Overturning	578	55	394	129
Other Non-Collision	203	3	140	60
Pedestrian	82	16	66	0
Motor Vehicle in Transport	4,604	84	2,653	1,867
Motor Vehicle on Other Roadway	2	0	1	1
Parked Motor Vehicle	503	4	184	315
Railway Train	5	1	0	4
Pedalcyclist	37	4	33	0
Animal	22	2	7	13
Fixed Object	2,499	80	1,188	1,231
Other Object	30	2	13	15
TOTAL	8,565	251	4,679	3,635

ALCOHOL RELATED ACCIDENTS

ROAD SURFACE CONDITIONS

SURFACE CONDITION	NUMBER OF ACCIDENTS TOTAL	FATAL	INJURY	PROPERTY DAMAGE
Dry	7,887	222	4,340	3,325
Wet	302	8	158	136
Snowy or Icy	41	1	19	21
Other	335	20	162	153
TOTALS	8,565	251	4,679	3,635

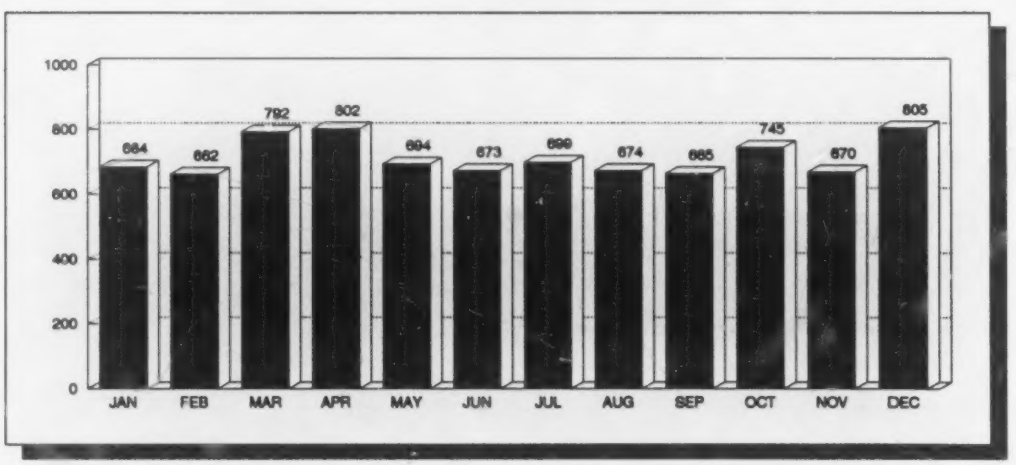
LIGHTING CONDITIONS

LIGHT CONDITION	NUMBER OF ACCIDENTS	NUMBER OF FATAL ACC.	NON-FATAL INJURY ACC.	PROPERTY DAMAGE
Daylight	2,302	72	1,253	977
Dawn or Dusk	362	12	215	135
Darkness	5,899	167	3,211	2,521
Not Reported	2	0	0	2
TOTALS	8,565	251	4,679	3,635

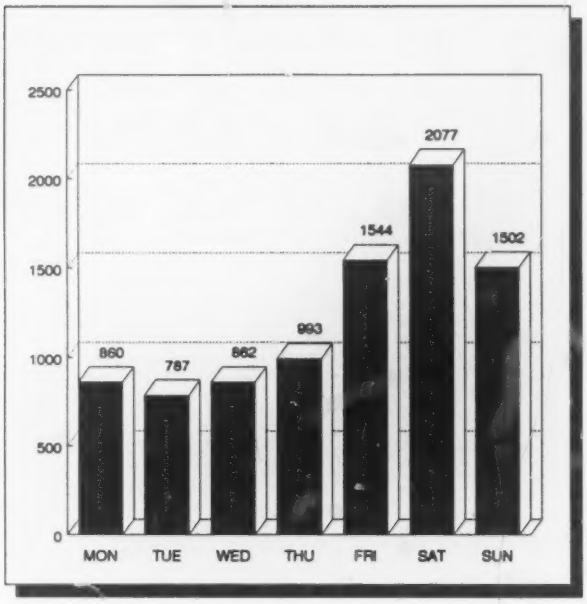
SEX OF DRIVER

SEX OF DRIVER	ALL ACCIDENTS NUMBER	PERCENT	FATAL ACCIDENTS NUMBER	PERCENT	NON - FATAL INJURY ACCIDENTS NUMBER	PERCENT
Male	7,258	83.1%	226	85.0%	4,000	83.5%
Female	1,372	15.7%	39	14.7%	762	15.9%
Not Reported	107	1.2%	1	0.4%	28	0.6%
TOTALS	8,737	100.0%	266	100.0%	4,790	100.0%

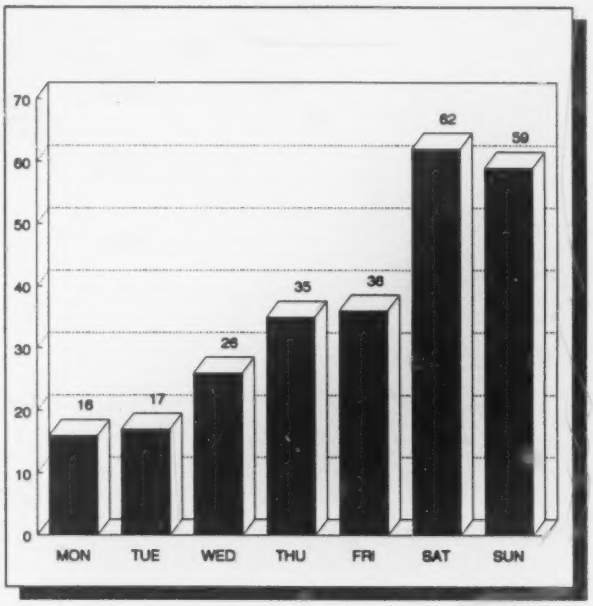
ALCOHOL RELATED ACCIDENTS - BY MONTH



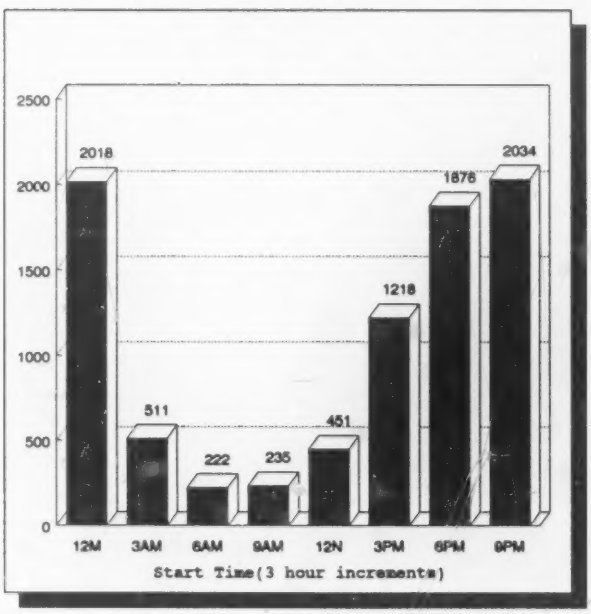
ALCOHOL RELATED ACCIDENTS BY DAY



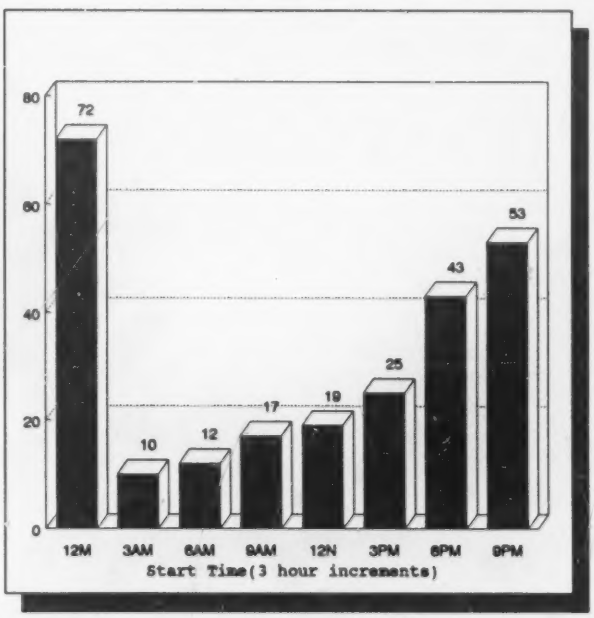
ALCOHOL RELATED FATAL ACCIDENTS BY DAY



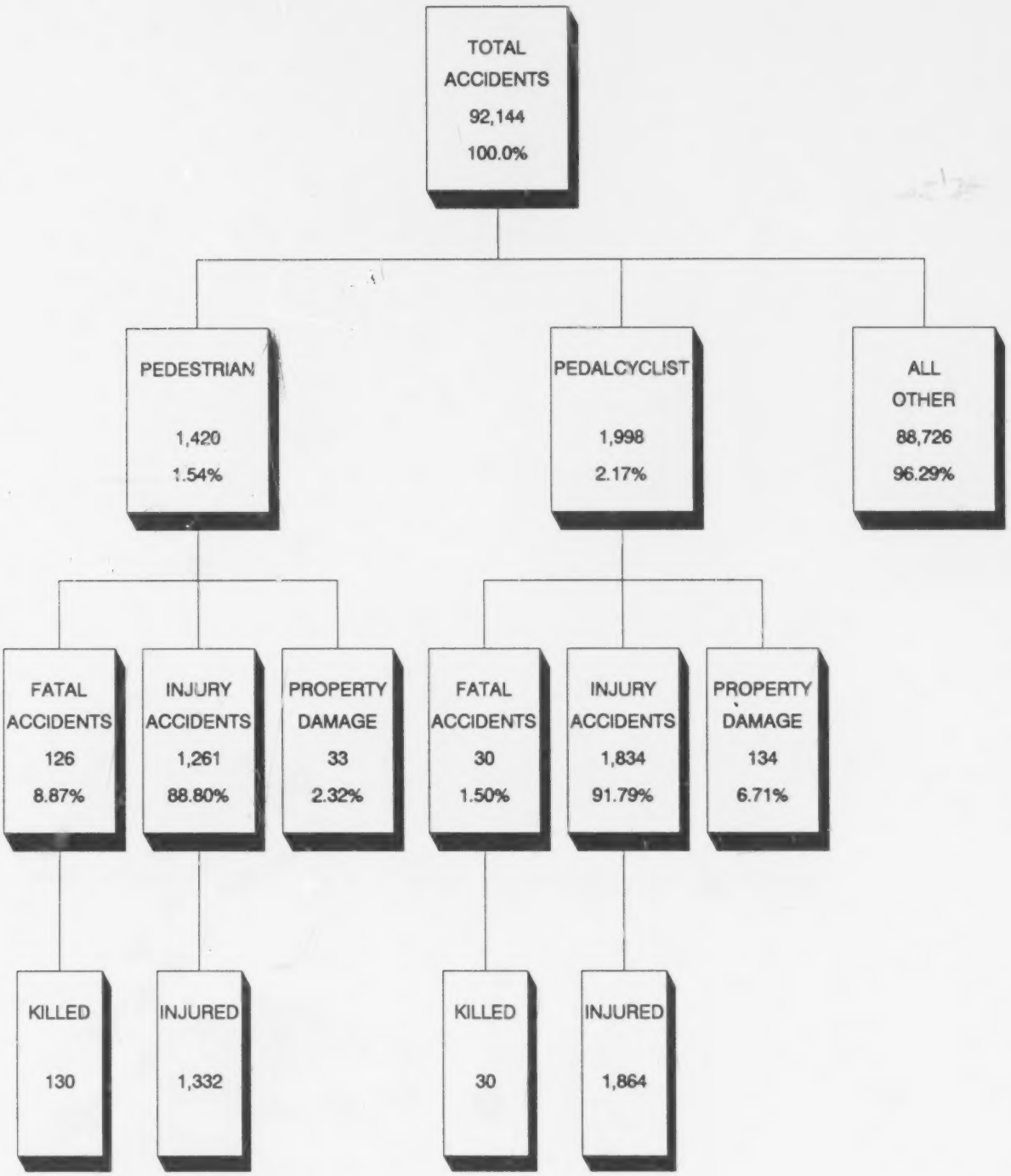
ALCOHOL RELATED ACCIDENTS BY TIME



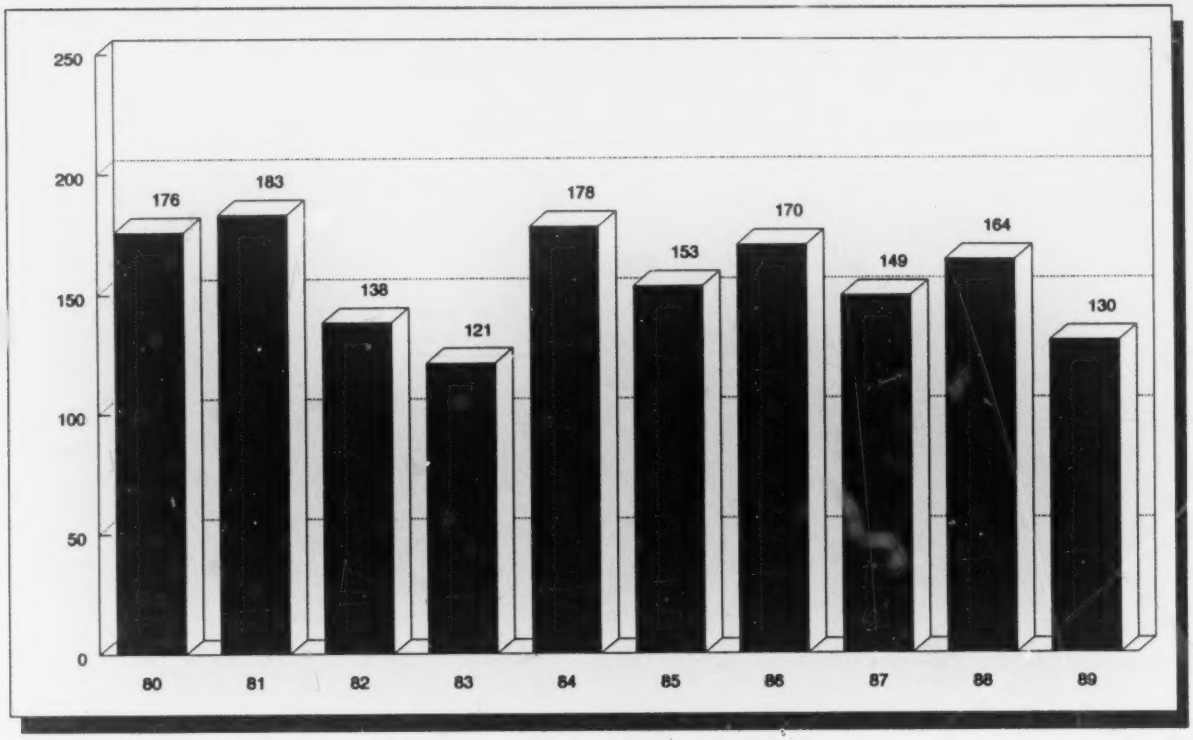
ALCOHOL RELATED FATAL ACCIDENTS BY TIME



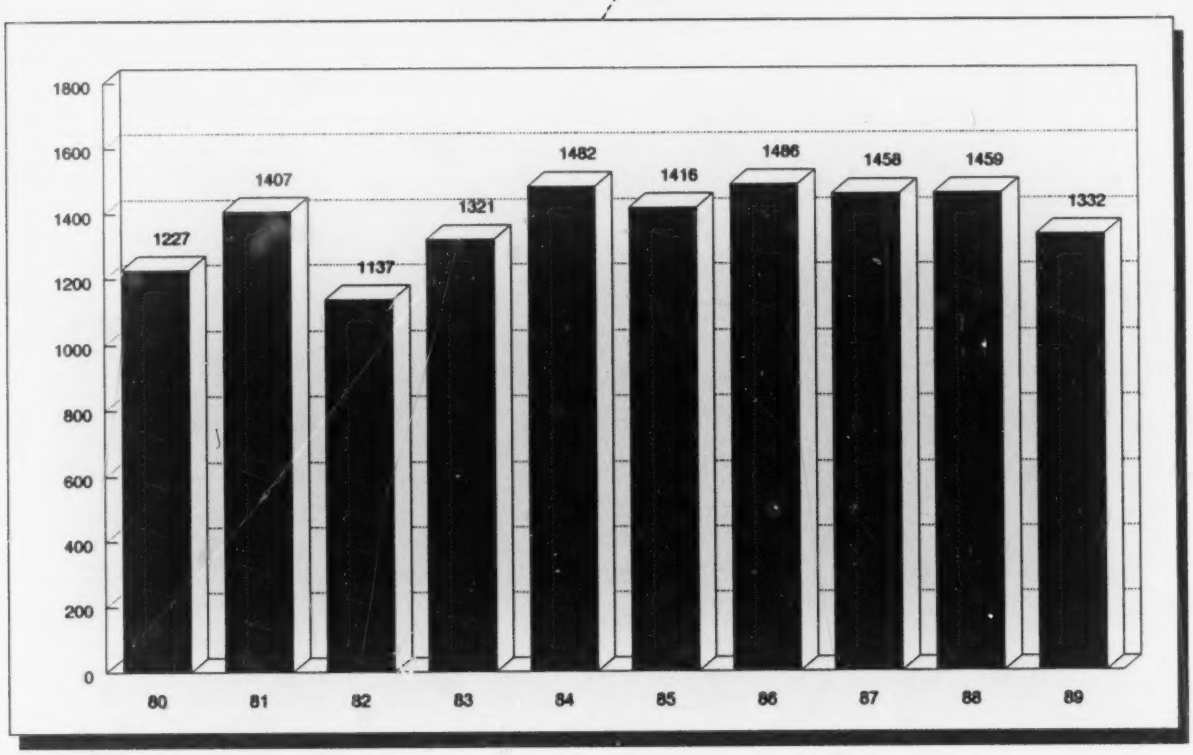
PEDESTRIAN AND PEDALCYCLIST ACCIDENTS



PEDESTRIANS KILLED
BY YEAR



PEDESTRIANS INJURED
BY YEAR



PEDESTRIANS KILLED

PEDESTRIANS KILLED	TOTALS	0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & OLDER	NOT REPORTED
Crossing at Intersection or Crosswalk	16	2	1	0	1	0	3	4	5	0
Crossing Not at Intersection or Crosswalk	57	1	3	2	0	3	17	10	13	8
Walking in Roadway With Traffic	6	0	0	0	0	1	2	2	1	0
Walking in Roadway Against Traffic	3	0	0	0	0	0	0	0	2	1
Standing in Roadway	6	0	0	0	1	0	1	3	1	0
Pushing or Working on Vehicle in Roadway	1	0	0	0	0	0	0	0	0	1
Other Working in Roadway	1	0	0	0	0	0	1	0	0	0
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	4	0	0	0	1	1	1	0	0	1
Getting On or OFF Vehicle in Roadway	1	0	0	0	0	0	1	0	0	0
Other Actions in Roadway	10	1	1	1	0	1	0	2	4	0
Not in Roadway	11	0	1	0	2	1	2	3	1	1
Actions Not Stated	14	1	0	0	1	1	4	3	1	3
TOTALS	130	5	6	3	6	8	32	27	28	15

PEDESTRIANS INJURED

PEDESTRIANS INJURED	TOTALS	0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & OLDER	NOT REPORTED
Crossing at Intersection or Crosswalk	254	3	24	37	26	10	57	29	33	35
Crossing Not at Intersection or Crosswalk	610	37	90	59	60	52	134	60	49	69
Walking in Roadway With Traffic	52	0	0	1	7	6	22	9	2	5
Walking in Roadway Against Traffic	44	2	2	4	4	7	9	4	4	8
Standing in Roadway	83	2	3	3	9	12	21	16	4	13
Pushing or Working on Vehicle in Roadway	17	0	0	1	3	1	7	3	0	2
Other Working in Roadway	8	0	0	0	0	2	5	1	0	0
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	8	0	0	1	2	1	3	1	0	0
Getting On or OFF Vehicle in Roadway	11	0	1	2	1	1	4	1	0	1
Other Actions in Roadway	144	8	18	15	17	10	33	19	7	17
Not in Roadway	49	4	2	4	5	4	13	6	4	7
Actions Not Stated	52	1	1	3	5	5	17	2	5	13
TOTALS	1,332	57	141	130	139	111	325	151	108	170

PEDESTRIAN PHYSICAL CONDITION

PHYSICAL CONDITION	NO INJURY	POSSIBLE INJURY	NON-INCAPACITATING INJURY	INCAP. INJURY	FATAL	NOT REPORTED
Ability Impaired	2	27	63	130	36	2
Bodily Defects	2	4	3	6	6	0
Ill	0	3	1	2	1	0
Sleepy/Fatigued	0	0	1	0	0	0
Narcotics	1	0	0	2	1	0
No Defects	26	155	427	329	37	5
Not Reported	2	35	51	93	49	6
TOTALS	33	224	546	562	130	13

PEDALCYCLIST PHYSICAL CONDITION

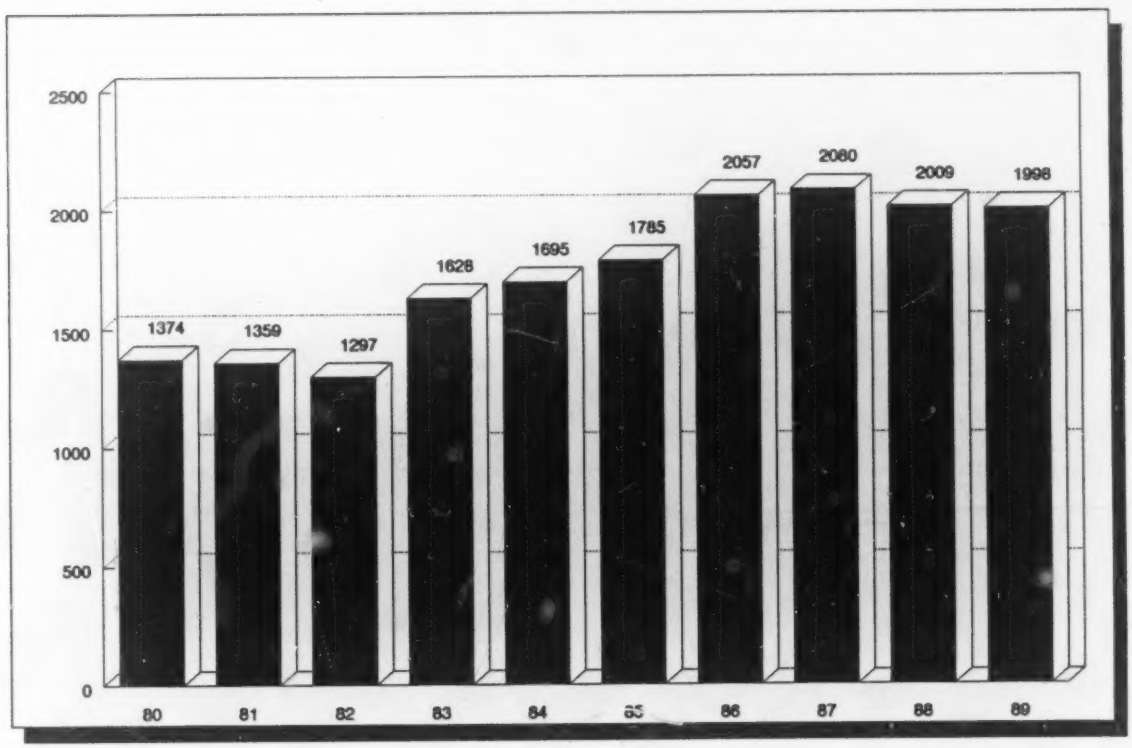
PHYSICAL CONDITION	NO INJURY	POSSIBLE INJURY	NON-INCAPACITATING INJURY	INCAP. INJURY	FATAL	NOT REPORTED
Ability Impaired	6	12	45	19	5	0
Bodily Defects	1	3	6	5	0	0
Ill	0	0	2	0	0	0
Sleepy/Fatigued	0	0	0	0	0	0
Narcotics	0	0	1	1	0	0
No Defects	122	364	910	373	19	7
Not Reported	5	45	51	27	6	8
TOTALS	134	424	1,015	425	30	15

PEDALCYCLE ACCIDENTS

PEDALCYCLE ACCIDENTS
1980-1989

YEAR	NUMBER OF PERSONS TOTAL KILLED	TOTAL INJURED
1980	19	1,377
1981	15	1,370
1982	28	1,291
1983	13	1,487
1984	24	1,540
1985	18	1,618
1986	22	1,912
1987	20	1,913
1988	35	1,862
1989	30	1,864

PEDALCYCLE ACCIDENTS
BY YEAR



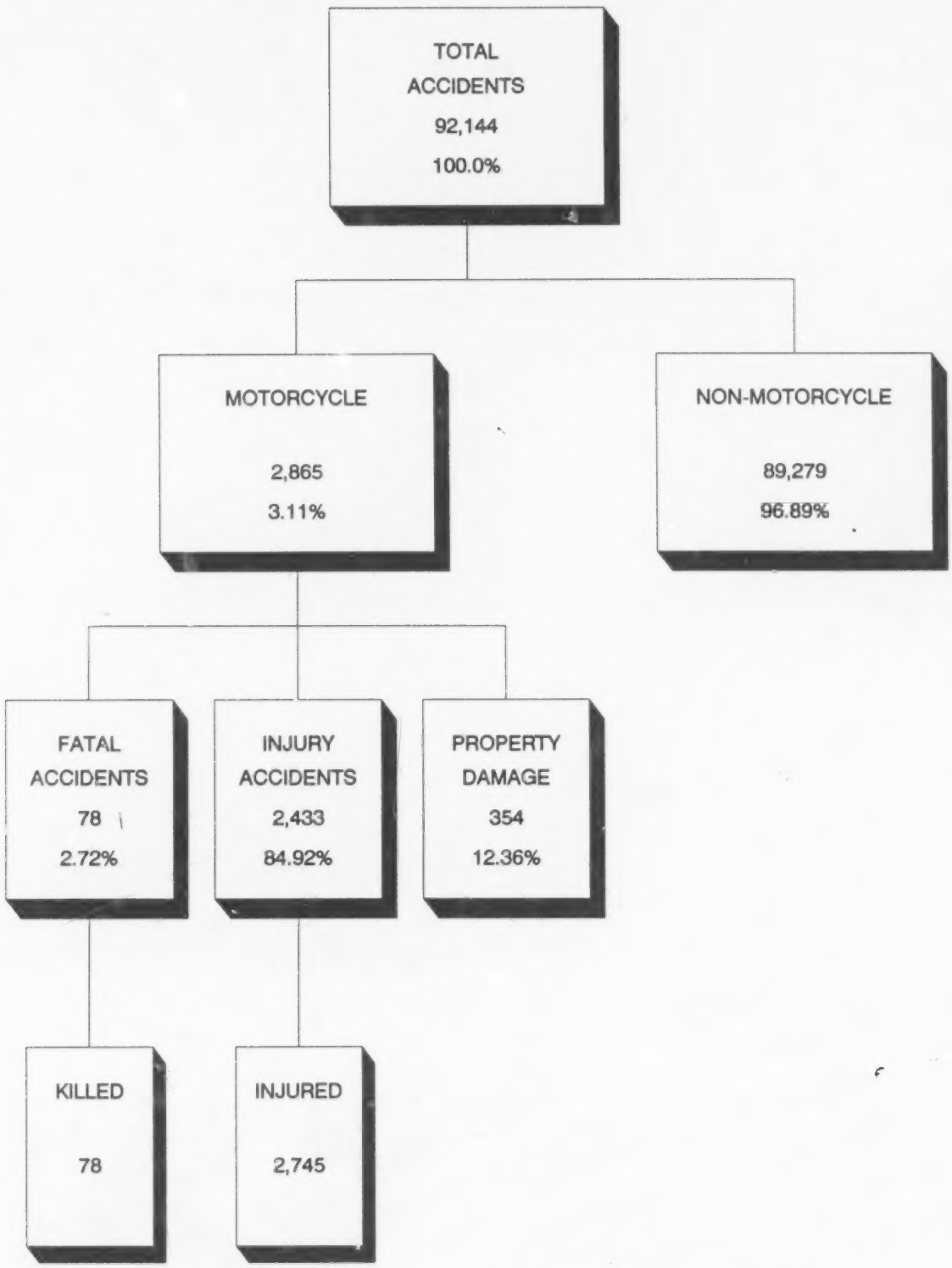
1989 PEDALCYCLE ACCIDENTS

STATEWIDE	TOTAL	URBAN	RURAL
Number of Accidents	1,998	1,826	172
Persons Killed	30	20	10
Persons Injured	1,864	1,719	145
Property Damage Only	134	117	17

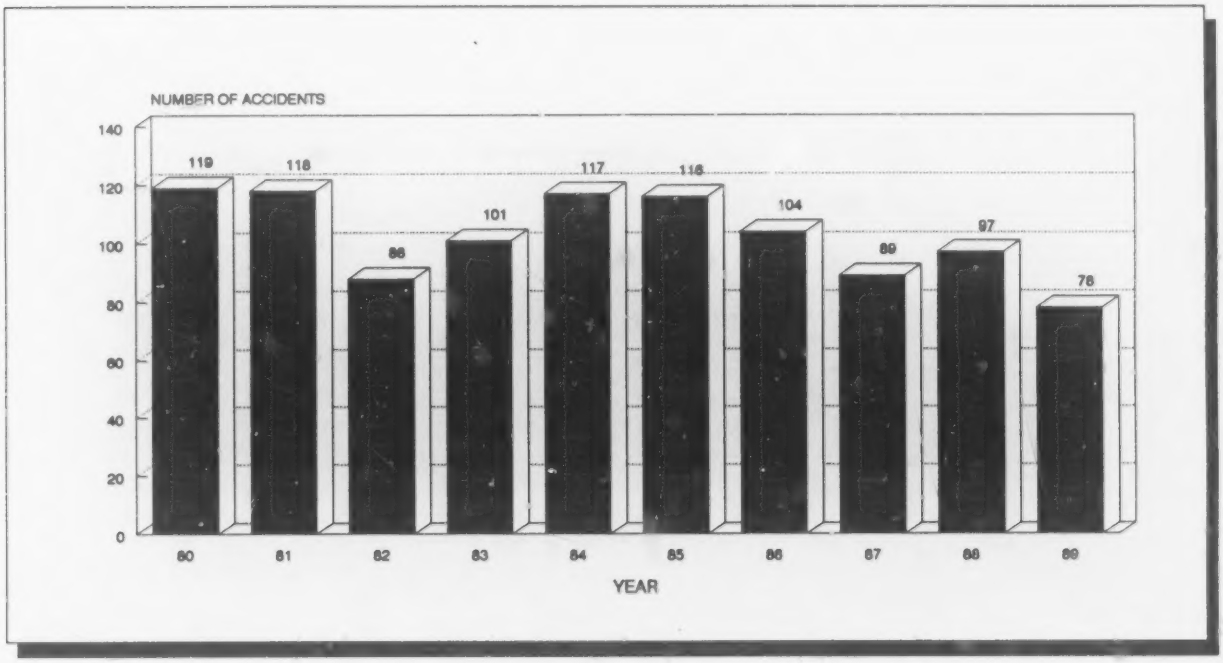
SEX AND AGE OF PEDALCYCLIST KILLED AND INJURED

	PERSONS KILLED			PERSONS INJURED			
AGE GROUP	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	NOT REPORTED
0-4	1	1	0	21	11	10	0
5-9	1	1	0	160	125	35	0
10-14	5	5	0	387	301	86	0
15-19	2	2	0	313	235	78	0
20-24	5	4	1	261	209	52	0
24-34	4	4	0	329	258	71	0
35-44	4	3	1	137	104	33	0
45-54	2	2	0	58	44	14	0
55-64	1	1	0	37	32	5	0
65-74	1	1	0	26	21	4	1
75 & Over	3	3	0	13	13	0	0
Age Not Reported	1	1	0	122	97	25	0
TOTALS	30	28	2	1,864	1,450	413	1

MOTORCYCLE ACCIDENTS



MOTORCYCLE FATALITIES 1980-1989
BY YEAR



MOTORCYCLE DRIVERS INVOLVED IN ACCIDENTS
BY AGE OF DRIVER

AGE OF DRIVER	NUMBER OF DRIVERS	PERCENT OF TOTAL	NUMBER OF DRIVERS IN FATAL ACCIDENTS	NUMBER OF DRIVERS IN NON-FATAL INJURY ACCIDENTS
15 & Younger	34	1.18%	0	29
16	48	1.66%	0	43
17	81	2.81%	0	73
18-19	383	13.28%	11	337
20-24	747	25.89%	13	644
25-34	864	29.95%	21	761
35-44	417	14.45%	23	338
45-54	130	4.51%	9	111
55-64	54	1.87%	1	48
65-74	27	0.94%	0	23
75 & Older	4	0.14%	0	2
Not Reported	96	3.33%	0	41
TOTALS	2,885	100.00%	78	2,450

DRIVER HELMET USAGE

DRIVERS	NUMBER OF DRIVERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL DRIVERS KILLED
Helmet Used	757	26.24%	16	2.11%	21.92%
Helmet Not Used	1,716	59.48%	50	2.91%	68.49%
Helmet Usage Unk.	412	14.28%	7	1.70%	9.59%
TOTAL TESTED	2,885	100.00%	73	2.53%	100.00%

PASSENGER HELMET USAGE

PASSENGERS	NUMBER OF PASSENGERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL PASSENGERS KILLED
Helmet Used	74	15.68%	1	1.35%	20.00%
Helmet Not Used	348	73.73%	4	1.15%	80.00%
Helmet Usage Unk.	50	10.59%	0	0.00%	0.00%
TOTAL TESTED	472	100.00%	5	1.06%	100.00%

MOTORCYCLE DRIVER DEFECTS

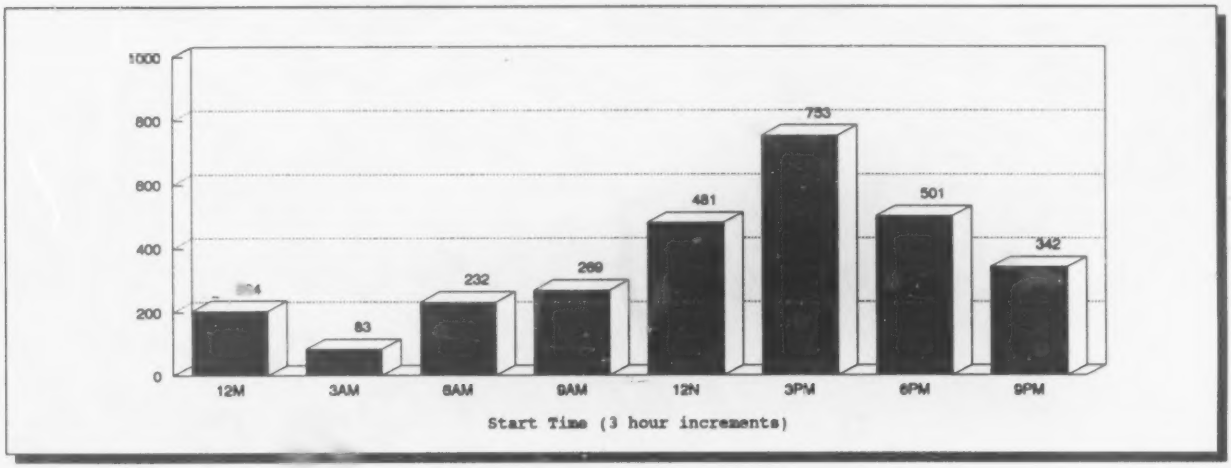
	ALL ACCIDENTS		FATAL ACCIDENTS		INJURY ACCIDENTS	
DRIVER DEFECTS	NUMBER OF CASES	% OF UNITS	NUMBER OF CASES	% OF UNITS	NUMBER OF CASES	% OF UNITS
Had Been Drinking	362	12.55%	27	34.62%	318	12.98%
Ill, Ability Influenced	2	0.07%	0	0.00%	1	0.04%
Other Bodily Defects	1	0.03%	0	0.00%	1	0.04%
Influence of Narcotic Drugs	9	0.31%	0	0.00%	9	0.37%
Sleepy, Fatigued	12	0.42%	1	1.28%	9	0.37%
No Apparent Defects	2,261	78.37%	29	37.18%	1,951	79.63%
Not Reported	246	8.53%	23	29.49%	167	6.82%
TOTAL DEFECTS	2,893	**	80	**	2,456	**
NUMBER OF UNITS	2,885		78		2,450	

** *TOTALS MORE THAN 100% DUE TO MULTIPLE CONDITIONS.*

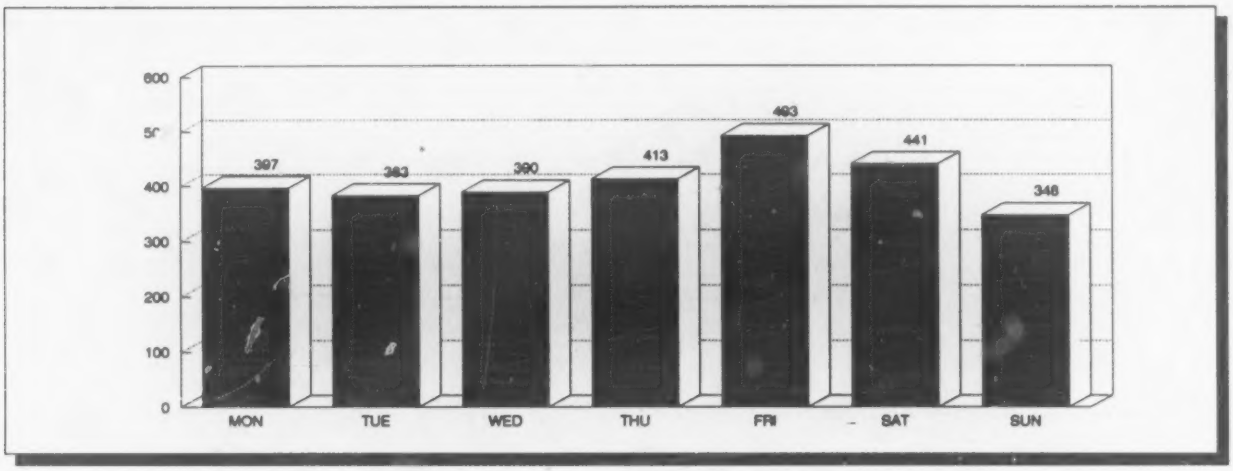
MOTORCYCLE ACCIDENTS BY ACCIDENT TYPE

ACCIDENT TYPE	TOTAL	FATAL	NON-FATAL INJURY	PROPERTY DAMAGE
Overturning	47	0	46	1
Other Non-Collision	591	6	550	35
Pedestrian	26	0	26	0
Motor Vehicle in Transport	1,775	43	1,460	272
Motor Vehicle on Other Rdwy.	0	0	0	0
Parked Motor Vehicle	45	3	22	20
Railway Train	0	0	0	0
Pedalcyclist	17	0	17	0
Animal	42	3	34	5
Fixed Object	307	22	266	19
Other Object	15	1	12	2
TOTALS	2,865	78	2,433	354

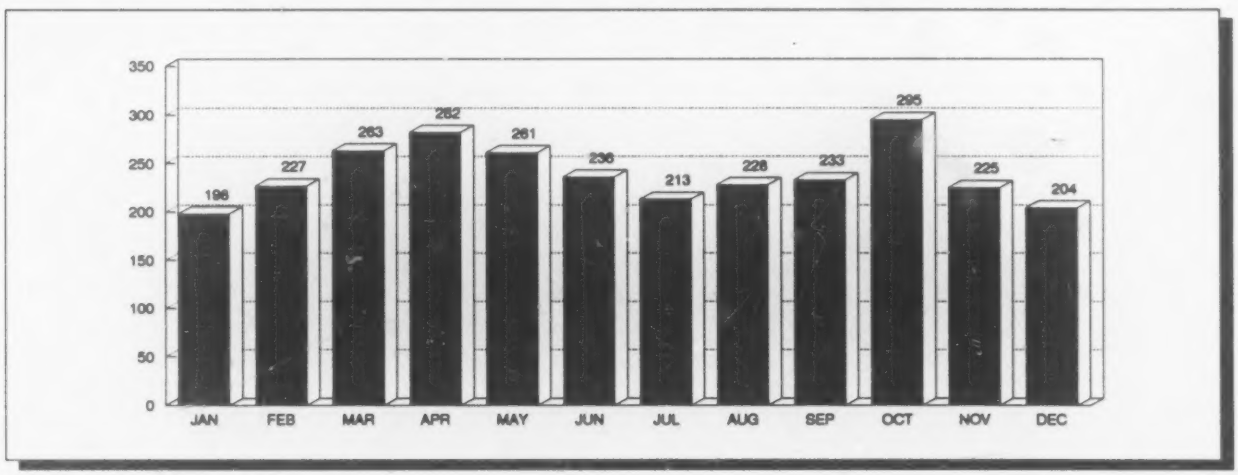
MOTORCYCLE ACCIDENTS BY TIME OF DAY



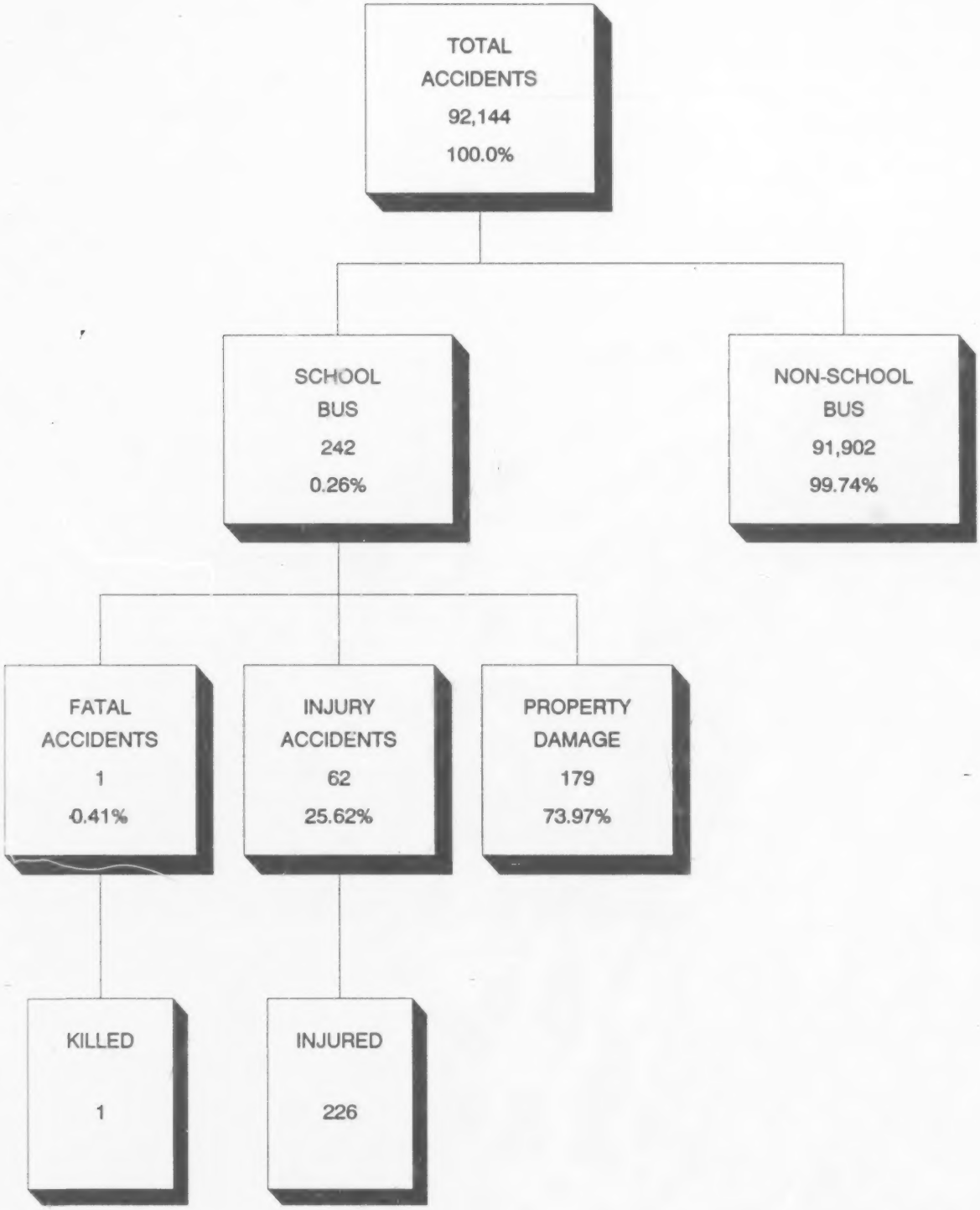
MOTORCYCLE ACCIDENTS BY DAY OF WEEK



MOTORCYCLE ACCIDENTS BY MONTH



SCHOOL BUS ACCIDENTS



SCHOOL BUS ACCIDENTS

	1984	1985	86/87	87/88	88/89
Number of Public School Routes	3,316	3,455	8,575	8,863	9,348
Number of Contracted School Routes	70	75	808	774	867
Total Number of School Routes	3,386	3,530	9,383	9,637	10,215
Total Miles Driven (Millions)	35.2	33.0	36.0	35.2	39.2
Public School Pupils Transported Daily	199,986	205,251	219,742	218,174	235,505
Total Number of School Bus Accidents	208	225	211	174	242
INJURIES AND FATALITIES					
Pupil Passengers:					
Killed	2	0	0	0	0
Injured	240	91	37	18	98
Bus Drivers:					
Killed	0	0	0	0	0
Injured	11	7	9	9	12
* Others:					
Killed	1	5	0	0	1
Injured	101	37	35	57	116
* Category OTHERS are victims who were not inside the School Bus.					
Property Damage Only:					
Accidents	141	158	146	121	179
Accident Time of Day:					
A.M.	83	113	96	82	115
P.M.	125	112	115	92	127
Accident Location:					
Interstate Highway	5	5	8	4	6
State Highway	10	8	25	9	26
County Road	33	12	33	33	37
City Street	158	193	140	126	167
Other	2	7	5	2	6
Weather Conditions:					
Clear and Dry	175	170	164	141	211
Rain	11	14	8	10	6
Snow or Ice	1	3	10	2	5
Dusty or Windy	0	2	1	0	1
Fog	1	1	1	1	1
Cloudy	21	35	27	20	18
Vehicles Involved:					
Automobiles	149	147	144	117	159
Pickups	56	71	40	33	66
Large Trucks	13	8	7	9	4
Others	17	10	19	11	28

Statistics involving pupils, buses, and mileage are from the Department Of Education. Our data is being phased into a school year basis to duplicate their records system.

Arizona Department of Transportation
Traffic Records Unit
1739 West Jackson St. Mail Drop 064R
Phoenix , Arizona 85007 - 3276

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ARIZONA

TRAFFIC ACCIDENT SUMMARY

1990

Arizona Department Of Transportation

J. Fife Symington
Governor

Charles E. Cowan
Director

State Transportation Board

Larry Chavez
Chairman

Verne Seidel
Vice Chairman

Members

Donald Denton

Hank Gietz

Sharon Megdal

Linda Brock Nelson

James Soto

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The 1990 Arizona Traffic Accident Summary is an annual report published by the Traffic Engineering Section of the Arizona Department of Transportation.

This publication is a statistical review of motor vehicle traffic accidents in the State of Arizona for the calendar year 1990. The figures are compiled from traffic accident reports submitted to the Arizona Department of Transportation by state, county, city, reservation and other police agencies.

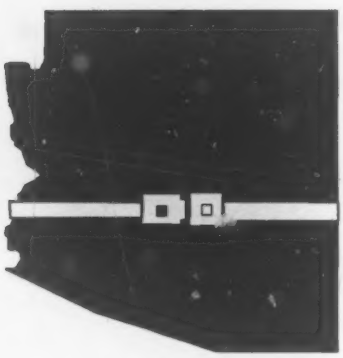
Specific inquiries regarding data presented in the report should be sent to the following address:

Arizona Department of Transportation
Traffic Engineering Section
Traffic Records Unit
206 S. 17th Avenue 064R
Phoenix, Arizona 85007

Additional copies of The Arizona Traffic Accident Summary may be obtained at:

Arizona Department of Transportation
Traffic Engineering Section
Traffic Records Unit
2612 S. 46th Street
Phoenix, Arizona 85034

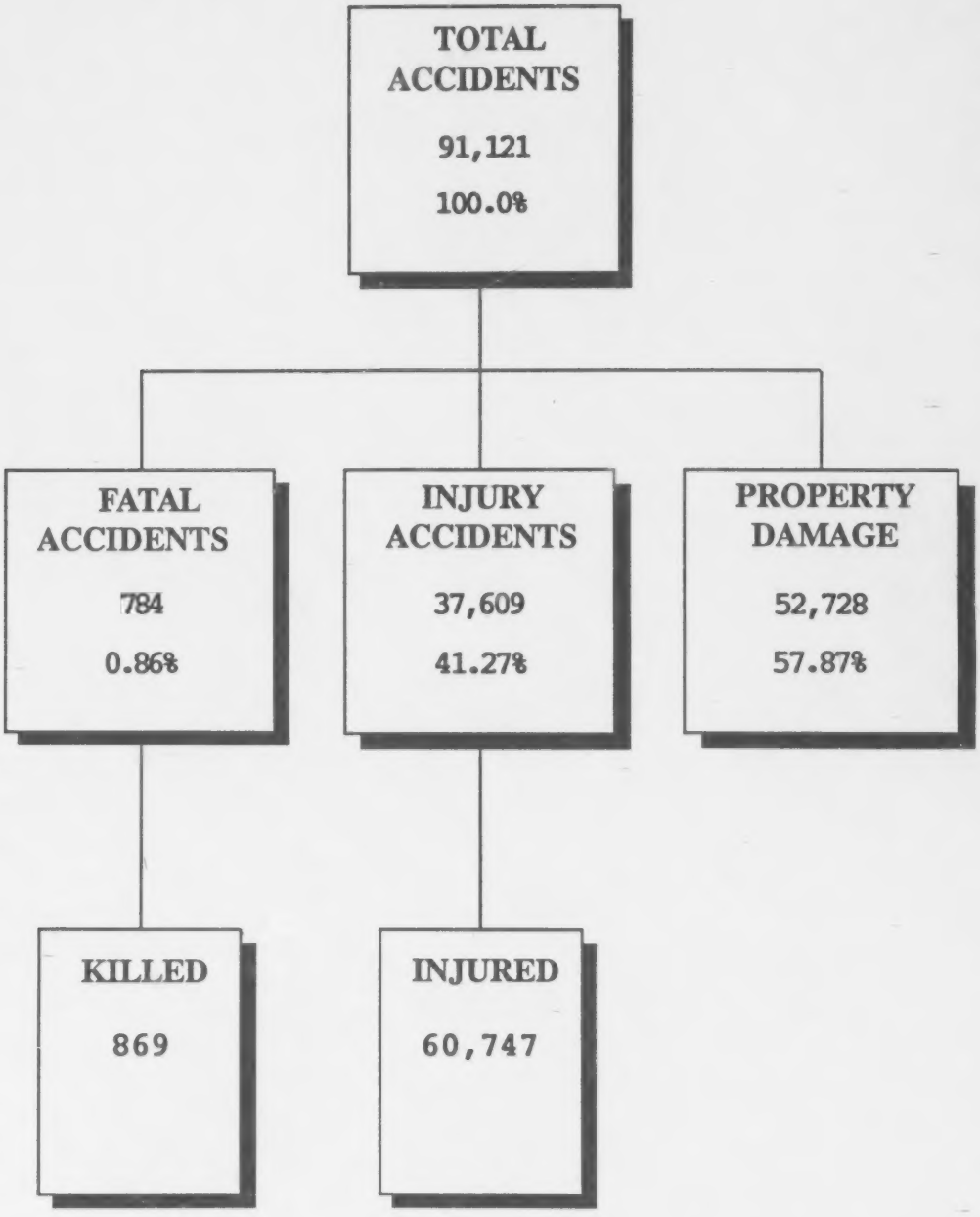
Phone: (602) 255 - 7724



ARE YOU PUTTING ME ON ?

SEAT BELTS SAVE LIVES ...

HIGHLIGHTS AND HISTORICAL TRENDS



HIGHLIGHTS AND HISTORICAL TRENDS

ARIZONA ACCIDENT FACTS	1989	1990	PERCENT OF CHANGE
Reported Accidents	92,144	91,121	-1.1%
Total Killed	879	869	-1.1%
Total Injured	61,597	60,747	-1.4%
Pedestrians Killed	130	137	5.4%
Pedestrians Injured	1,332	1,444	8.4%
Motorcyclists Killed	78	78	0.0%
Motorcyclists Injured	2,745	2,647	-3.6%
Pedalcyclists Killed	30	28	-6.7%
Pedalcyclists Injured	1,864	2,055	10.2%
Millions of V.M.T.	34,816	35,685	2.5%
Deaths Per 100 Million V.M.T	2.52	2.44	-3.2%
Injuries Per 100 Million V.M.T.	176.9	170.23	-3.8%

V.M.T. Vehicle Miles Traveled

In 1990:

2.4 persons were killed every day (one every 10.1 hours).

166.4 persons were injured every day (one every 8.7 minutes).

One valid licensed driver out of every 15 was involved in an accident.

One out of every 17 registered vehicles in Arizona was involved in an accident.

9.7% of all accidents involved drinking drivers.

32.5% of fatal accidents involved drinking drivers.

69.6% of all accidents happened during daylight hours.

48.3% of fatal accidents occurred during darkness.

79.4% of all accidents occurred in urban areas of the state.

58.8% of fatal accidents occurred in rural areas of the state.

ESTIMATED ECONOMIC LOSS

COUNTIES	PERSONS KILLED		PERSONS INJURED		MINOR INJURY/ PROPERTY DAMAGE ONLY		TOTAL ECONOMIC
	NO.	$ LOSS	NO.	$ LOSS	NO.	$ LOSS	$ LOSS
Apache	41	11,890,000	225	3,172,500	848	2,544,000	17,606,500
Cochise	34	9,860,000	627	8,840,700	1,255	3,765,000	22,465,700
Coconino	59	17,110,000	1,067	15,044,700	2,807	8,421,000	40,575,700
Gila	17	4,930,000	359	5,061,900	583	1,749,000	11,740,900
Graham	6	1 740,000	74	1,043,400	129	387,000	3,170,400
Greenlee	4	1,160,000	44	620,400	94	282,000	2,062,400
La Paz	18	5,220,000	213	3,003,300	239	717,000	8,940,300
Maricopa	348	100,920,000	18,852	265,813,200	42,655	127,965,000	494,698,200
Mohave	58	16,820,000	1,056	14,889,600	1,806	5,418,000	37,127,600
Navajo	31	8,990,000	382	5,386,200	1,038	3,114,000	17,490,200
Pima	121	35,090,000	5,287	74,546,700	12,948	38,844,000	148,480,700
Pinal	64	18,560,000	912	12,859,200	1,536	4,608,000	36,027,200
Santa Cruz	5	1,450,000	127	1,790,700	217	651,000	3,891,700
Yavapai	35	10,150,000	780	10,998,000	1,717	5,151,000	26,299,000
Yuma	28	8,120,000	766	10,800,600	1,527	4,581,000	23,501,600
TOTAL	869	$252,010,000	30,771	$433,871,100	69,399	$208,197,000	$894,078,100

Cost estimates are based on the 1989 National Safety Council estimates of the per case costs of motor vehicle-related deaths, injuries, and property damage accidents.

1. Fatality.	$290,000	(869)
2. Injury, other than minor.	$14,100	(30,771)
3. Minor Injury/Property Damage Only.	$3,000	(69,399)

Categories 1 and 2 are per injury and include property damage.
Category 3 is per accident.
Arizona's annual economic loss per capita. $244

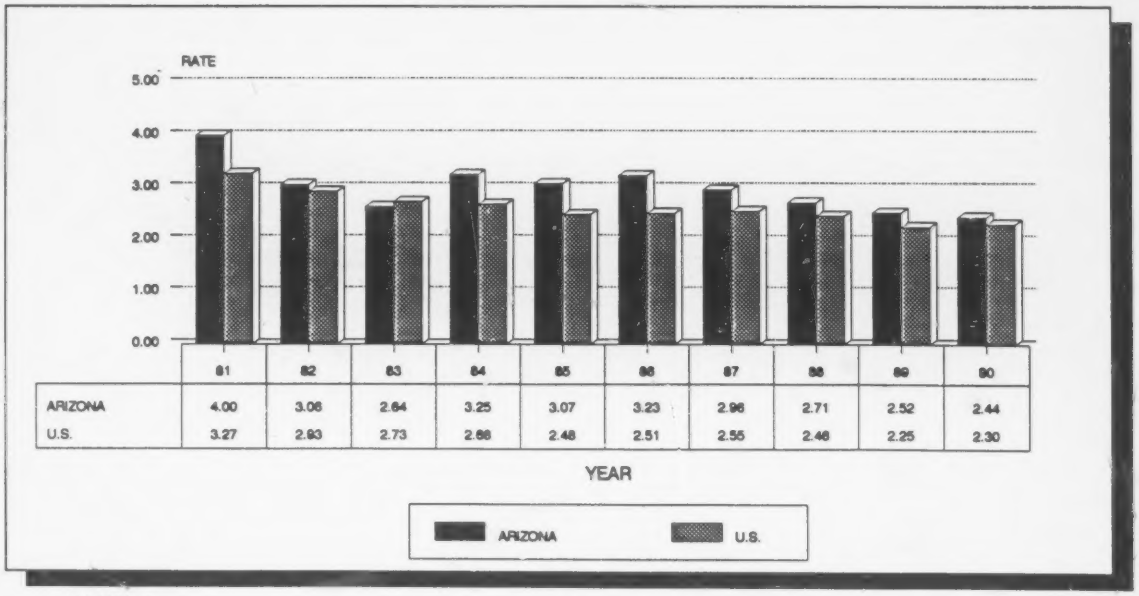
VICTIM AGE GROUPS

AGE	PERSONS KILLED			PERSONS INJURED			
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	GENDER UNKNOWN
0 - 4	18	9	9	1,531	741	788	2
5 - 9	23	15	8	1,889	974	915	0
10 - 14	24	18	6	2,196	1,131	1,060	5
15 - 19	95	70	25	9,200	4,719	4,478	3
20 - 24	124	95	29	9,413	5,200	4,207	6
25 - 34	182	138	44	13,929	7,521	6,400	8
35 - 44	112	79	33	8,829	4,458	4,369	2
45 - 54	98	72	26	5,010	2,311	2,699	0
55 - 64	76	47	29	3,453	1,590	1,859	4
65 - 74	55	28	27	2,785	1,213	1,570	2
75 & Over	59	30	29	1,646	728	916	2
Age Unknown	3	2	1	866	486	349	31
TOTALS	869	603	266	60,747	31,072	29,610	65

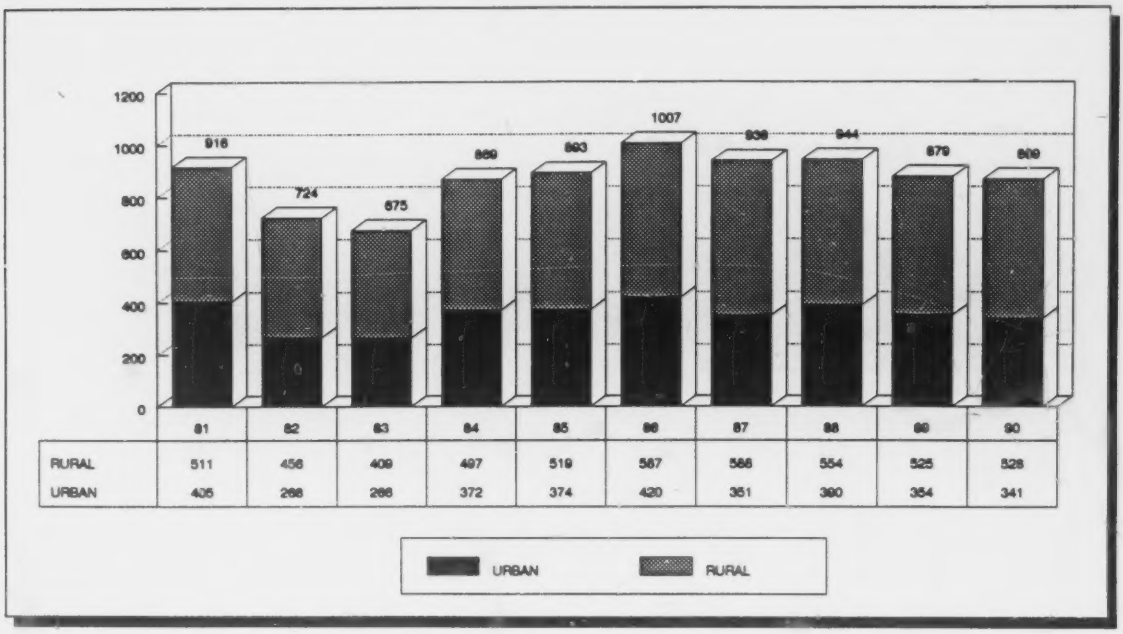
ARIZONA HIGHWAY ACCIDENT STATISTICS

CALENDAR YEAR	MOTOR VEHICLE REGISTRATION	MOTOR VEHICLE MILEAGE	TRAFFIC DEATHS	TRAFFIC INJURIES	ESTIMATED AZ FATALITY RATE/PER 100,000,000 V.M.T.	ESTIMATED US FATALITY RATE/PER 100,000,000 V.M.T.
1925	68,029	370,916,000	76	NA	20.49	18.20
1930	110,915	867,750,000	190	NA	21.90	15.60
1935	105,610	930,758,000	217	1,905	23.31	15.91
1940	141,788	1,308,550,000	228	2,800	17.42	11.42
1945	146,436	1,573,475,000	283	2,540	17.99	11.28
1950	271,803	2,944,000,000	325	4,135	11.04	7.59
1955	415,655	4,414,561,000	358	6,824	8.11	6.37
1960	630,016	6,535,862,000	513	13,360	7.85	5.31
1965	857,934	8,339,000,000	550	21,279	6.60	5.54
1970	1,122,113	12,122,437,566	762	32,230	6.29	4.91
1975	1,514,846	16,031,406,497	670	36,646	4.18	3.46
1980	2,085,311	21,965,000,000	947	49,697	4.31	3.48
1981	2,183,354	22,920,000,000	917	48,974	4.00	3.27
1982	2,228,643	23,663,000,000	724	45,778	3.06	2.93
1983	2,055,026	25,561,000,000	675	50,076	2.64	2.73
1984	2,162,526	26,700,000,000	869	57,592	3.25	2.68
1985	2,283,832	29,050,000,000	893	59,650	3.07	2.48
1986	2,387,818	31,143,000,000	1,007	62,466	3.23	2.51
1987	2,438,960	31,729,000,000	939	63,278	2.96	2.55
1988	2,511,115	34,774,203,105	944	62,232	2.71	2.46
1989	2,546,530	34,815,525,000	879	61,597	2.52	2.25
1990	2,873,008	35,685,000,000	869	60,747	2.44	2.30

ARIZONA vs U.S.
FATALITY RATE
(Fatalities/100,000,000 V.M.T.)

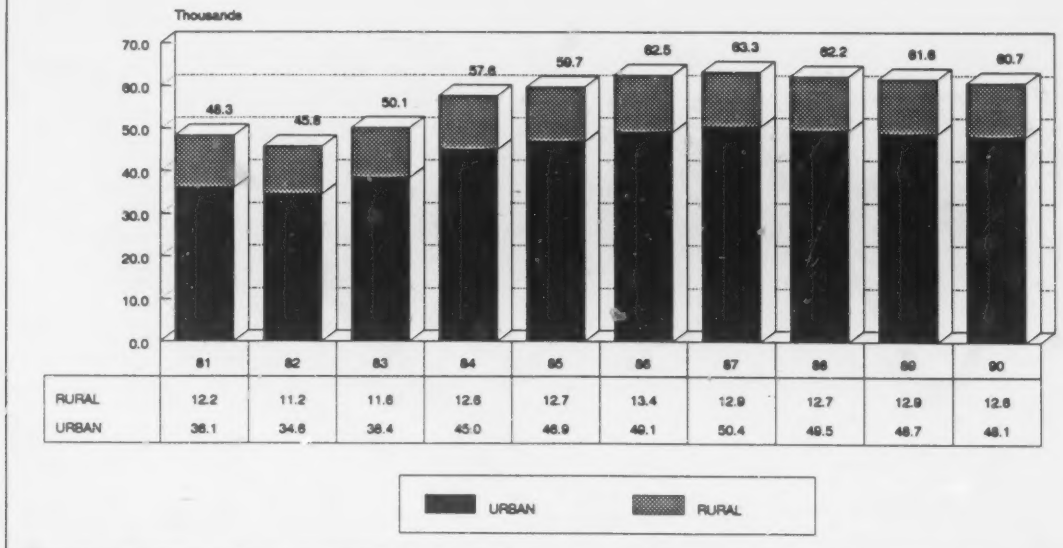


ARIZONA TRAFFIC FATALITIES
BY YEAR



	81	82	83	84	85	86	87	88	89	90
RURAL	511	456	409	497	519	587	586	554	525	528
URBAN	405	268	266	372	374	420	351	390	354	341

ARIZONA TRAFFIC INJURIES
BY YEAR



	81	82	83	84	85	86	87	88	89	90
RURAL	12.2	11.2	11.8	12.8	12.7	13.4	12.9	12.7	12.9	12.8
URBAN	36.1	34.6	38.4	45.0	46.9	49.1	50.4	49.5	48.7	48.1

HOLIDAY ACCIDENT STATISTICS

Holidays such as Memorial Day, Labor Day, and Thanksgiving are regarded as a 3 or 4 day weekend holiday for statistical purposes.

Holidays such as Christmas, New Years, and the Fourth of July are celebrated on specific dates; which also make the holiday period vary from one to four days in length.

Holiday fatality statistics are recorded from 6 p.m. on the last working day prior to the holiday and terminate at midnight on the last day of the holiday period. Example: Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday.

1990 Holidays	BEGIN 6 P.M.	END MIDNIGHT	NUMBER OF DAYS	PEOPLE KILLED	FATAL ACCIDENTS
New Years	Friday 12/29/89	Monday 01/01/90	3	19	13
Memorial Day	Friday 05/25/90	Monday 05/28/90	3	16	13
July 4th	Tuesday 07/03/90	Wednesday 07/04/90	1	3	3
Labor Day	Friday 08/31/90	Monday 09/03/90	3	13	11
Thanksgiving Day	Wednesday 11/21/90	Sunday 11/25/90	4	6	6
Christmas	Friday 12/21/90	Tuesday 12/25/90	4	14	14

YEAR	CATEGORY	NEW YEARS	MEMORIAL DAY	JULY 4TH.	LABOR DAY	THANKSGIVING	CHRISTMAS
1986	Fatal Accidents	4	7	10	13	4	13
	Number Killed	6	8	11	16	4	14
	Days in Period	1	3	3	3	4	4
1987	Fatal Accidents	11	8	13	20	12	13
	Number Killed	11	10	13	22	12	14
	Days in Period	4	3	3	3	4	3
1988	Fatal Accidents	9	7	14	10	18	9
	Number Killed	9	7	15	12	20	10
	Days in Peri[illegible]	3	3	3	3	4	2
1989	Fatal Accid[illegible]s	7	8	12	9	9	9
	Number Killed	8	9	12	13	9	13
	Days in Period	3	3	4	3	4	3
1990	Fatal Accidents	13	13	3	11	6	14
	Number Killed	19	16	3	13	6	14
	Days in Period	3	3	1	3	4	4

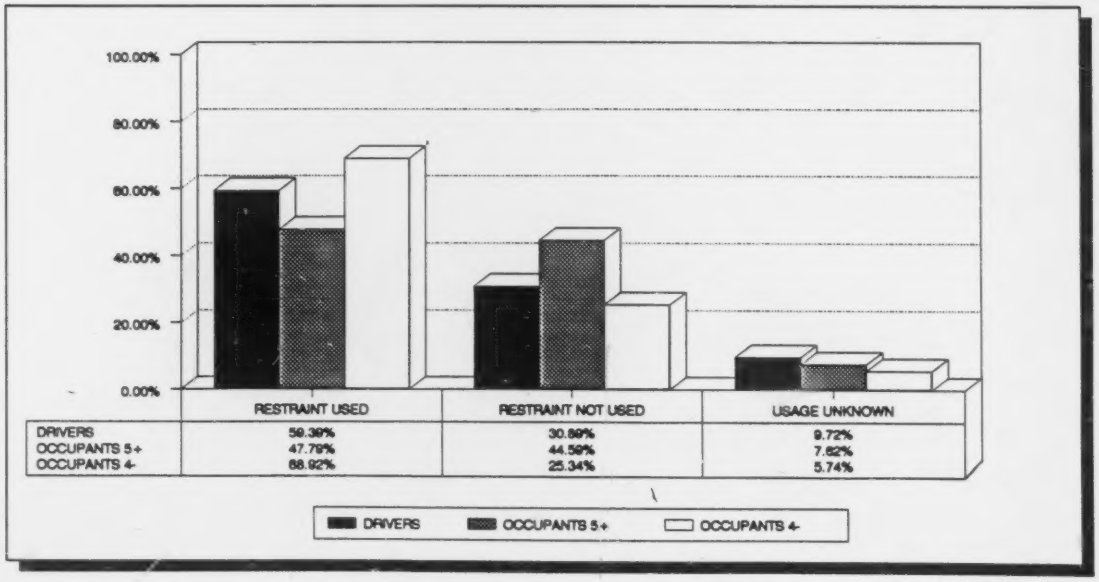
RESTRAINT USAGE

DRIVERS	NUMBER OF DRIVERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL DR. KILLED
Restraint Used	91,343	59.39%	54	0.06%	14.63%
... Not Used	47,504	30.89%	259	0.55%	70.19%
Usage Unknown	14,946	9.72%	56	0.37%	15.18%
TOTAL TESTED	153,793	100.00%	369	0.24%	100.00%

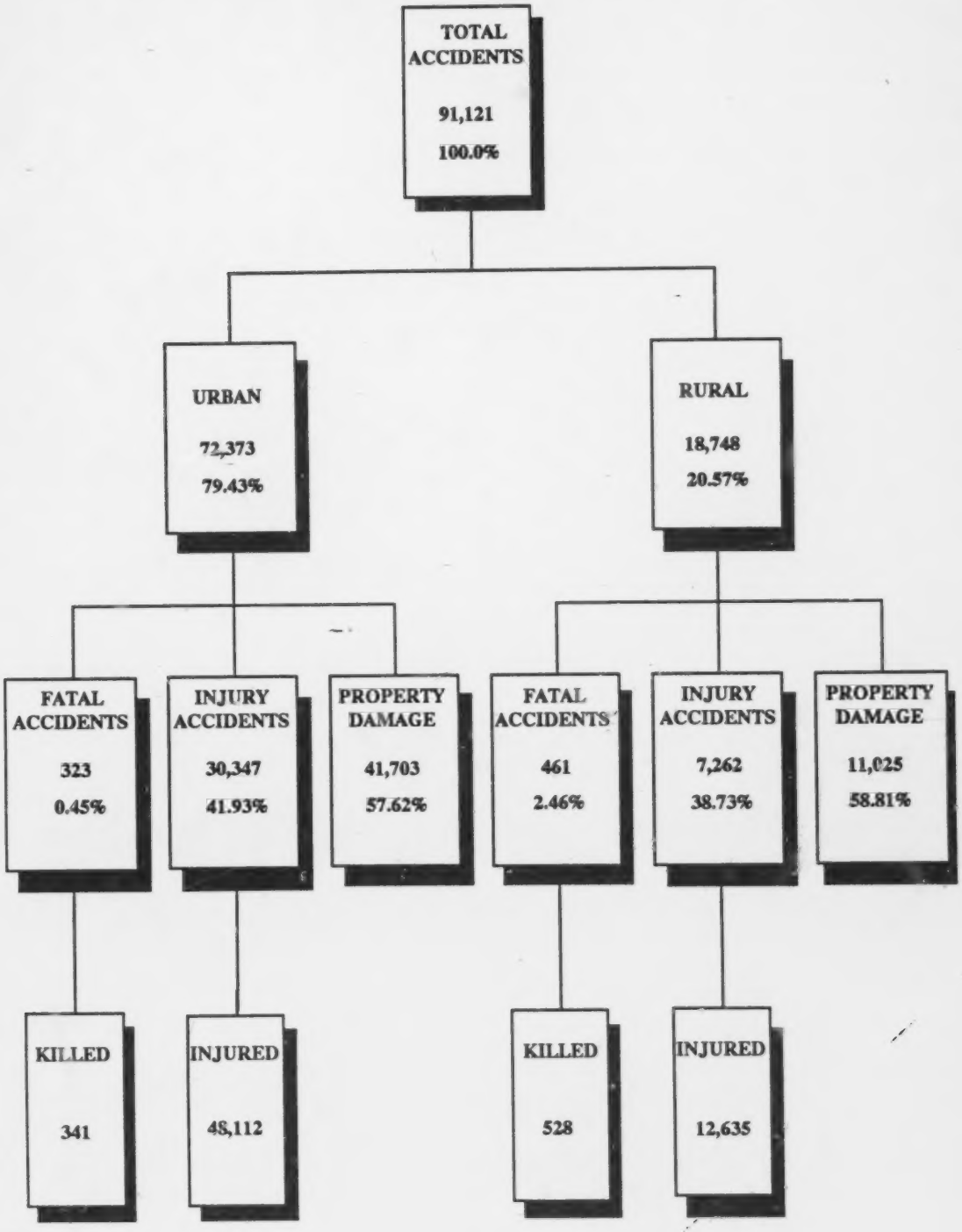
OCCUPANTS 5 AND OLDER	NUMBER OF OCCUPANTS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL 5+ OCC. KILLED
Restraint Used	34,629	47.79%	33	0.10%	13.81%
... Not Used	32,309	44.59%	176	0.54%	73.64%
Usage Unknown	5,523	7.62%	30	0.54%	12.55%
TOTAL TESTED	72,461	100.00%	239	0.33%	100.00%

OCCUPANTS 4 AND UNDER	NUMBER OF OCCUPANTS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL 4- OCC. KILLED
Restraint Used	6,894	68.92%	4	0.06%	28.57%
... Not Used	2,535	25.34%	7	0.28%	50.00%
Usage Unknown	574	5.74%	3	0.52%	21.43%
TOTAL TESTED	10,003	100.00%	14	0.14%	100.00%

PERCENT OF USAGE



GEOGRAPHIC LOCATION



ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES CITIES	NUMBER OF ACCIDENTS TOTAL	FATAL	INJURY	PROP. DAM.	NUMBER OF PERSONS TOTAL KILLED	TOTAL INJ.	ALCOHOL RELATED TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
APACHE COUNTY									
Eager	26	0	4	22	0	10	3	0	1
St. Johns	1	1	0	0	1	1	1	1	1
Springerville	3	0	1	2	0	1	1	0	0
State Rural Rds.	609	20	226	363	24	408	86	9	91
Other Rural Rds.	380	13	123	244	16	226	80	7	79
TOTAL	1,019	34	354	631	41	646	171	17	172
COCHISE COUNTY									
Benson	39	1	8	30	1	12	3	0	3
Bisbee	75	2	28	45	4	46	11	0	10
Douglas	300	1	51	248	1	66	28	1	11
Huachuca City	3	0	2	1	0	2	0	0	0
Sierra Vista	452	3	150	299	3	248	26	1	18
Tombstone	12	0	4	8	0	4	2	0	1
Willcox	39	0	17	22	0	30	3	0	4
State Rural Rds.	513	17	198	298	21	373	37	1	32
Other Rural Rds.	227	4	86	137	4	147	34	1	24
TOTAL	1,660	28	544	1,088	34	928	144	4	103
COCONINO COUNTY									
Flagstaff	1,773	4	444	1,325	4	662	142	0	90
Fredonia	NO ACCIDENTS REPORTED IN 1990								
Page	70	0	26	44	0	52	6	0	5
Sedona	8	0	3	5	0	3	0	0	0
Williams	75	0	11	64	0	18	7	0	7
State Rural Rds.	1,309	38	460	811	42	809	106	9	97
Other Rural Rds.	307	12	105	190	13	177	40	5	44
TOTAL	3,542	54	1,049	2,439	59	1,721	301	14	243
GILA									
Globe	138	0	58	80	0	99	21	0	12
Hayden	5	0	4	1	0	8	2	0	2
Miami	13	0	5	8	0	9	0	0	0
Payson	88	0	39	49	0	51	11	0	8
Winkelman	NO ACCIDENTS REPORTED IN 1990								
State Rural Rds.	481	10	162	309	11	268	62	3	52
Other Rural Rds.	97	5	30	62	6	61	17	3	16
TOTAL	822	15	298	509	17	496	113	6	90
GRAHAM COUNTY									
Pima	5	0	1	4	0	2	1	0	0
Safford	31	0	18	13	0	22	7	0	6
Thatcher	31	0	11	20	0	13	2	0	2
State Rural Rds.	76	4	22	50	5	43	13	1	18
Other Rural Rds.	38	1	16	21	1	38	6	0	14
TOTAL	181	5	68	108	6	118	29	1	40
GREENLEE COUNTY									
Clifton	28	0	11	17	0	13	6	0	7
Duncan	7	0	4	3	0	9	0	0	0
Morenci	NO ACCIDENTS REPORTED IN 1990								
State Rural Rds.	81	4	27	50	4	41	15	1	18
Other Rural Rds.	15	0	4	11	0	5	2	0	0
TOTAL	131	4	46	81	4	68	23	1	25

ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES CITIES	NUMBER OF ACCIDENTS				NUMBER OF PERSONS		ALCOHOL RELATED		
	TOTAL	FATAL	INJURY	PROP. DAM.	TOTAL KILLED	TOTAL INJ.	TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
LA PAZ COUNTY									
Parker	1	0	1	0	0	2	1	0	2
State Rural Rds.	356	9	155	192	11	272	38	4	44
Other Rural Rds.	19	5	7	7	7	17	6	3	9
TOTAL	376	14	163	199	18	291	45	7	55
MARICOPA COUNTY									
Avondale	109	2	32	75	2	58	9	1	3
Buckeye	2	0	0	2	0	0	0	0	0
Carefree	5	1	2	2	1	3	2	1	2
Cave Creek	9	0	5	4	0	9	3	0	3
Chandler	1,333	9	562	762	9	905	175	5	159
El Mirage	81	2	35	44	2	47	10	0	6
Gila Bend	4	0	2	2	0	3	1	0	1
Gilbert	319	2	140	177	2	221	44	1	39
Glendale	2,399	7	1,351	981	7	2,324	206	2	268
Goodyear	82	1	26	55	1	58	14	1	11
Guadalupe	17	0	7	10	0	9	3	0	0
Mesa	6,486	19	2,859	3,608	20	4,537	524	5	528
Paradise Valley	239	2	102	135	2	175	21	0	32
Peoria	402	3	179	220	3	295	43	1	51
Phoenix	32,332	134	13,703	18,495	138	21,919	2,835	46	2,760
Scottsdale	2,864	17	1,103	1,744	18	1,696	241	13	267
Surprise	60	1	29	30	1	54	5	1	4
Tempe	5,862	32	2,705	3,125	37	4,239	500	22	597
Tolleson	29	0	8	21	0	13	7	0	6
Wickenburg	67	0	16	51	0	21	4	0	2
Youngtown	14	0	3	11	0	3	0	0	0
State Rural Rds.	1,311	28	544	739	33	1,025	157	11	192
Other Rural Rds.	2,113	62	984	1,067	72	1,693	319	29	337
TOTAL	56,079	322	24,397	31,360	348	39,307	5,123	139	5,268
MOHAVE COUNTY									
Bullhead City	646	14	250	382	15	413	103	4	80
Colorado City	19	0	6	13	0	7	0	0	0
Kingman	264	0	125	139	0	172	17	0	16
Lake Havasu City	402	3	157	242	3	254	51	0	46
State Rural Rds.	911	28	358	525	33	638	130	10	162
Other Rural Rds.	287	7	133	147	7	224	56	3	60
TOTAL	2,529	52	1,029	1,448	58	1,708	357	17	364
NAVAJO COUNTY									
Holbrook	18	0	5	13	0	5	3	0	2
Pinetop/Lakeside	80	0	30	50	0	48	8	0	12
Show Low	112	0	40	72	0	70	10	0	15
SnowFlake	69	0	24	45	0	39	6	0	4
Taylor	14	0	5	9	0	7	2	0	3
Winslow	144	2	41	101	2	62	36	2	26
State Rural Rds.	595	13	191	391	14	354	70	5	82
Other Rural Rds.	264	13	102	149	15	162	69	5	63
TOTAL	1,296	28	438	830	31	747	204	12	207

ACCIDENTS, DEATHS AND INJURIES BY JURISDICTION

COUNTIES CITIES	NUMBER OF ACCIDENTS TOTAL	FATAL	INJURY	PROP. DAM.	NUMBER OF PERSONS TOTAL KILLED	TOTAL INJ.	ALCOHOL RELATED TOTAL ACC.	TOTAL KILLED	TOTAL INJ.
PIMA COUNTY									
Ajo	NO ACCIDENTS REPORTED IN 1990								
Marana	42	2	23	17	2	43	6	0	6
Oro Valley	57	0	16	41	0	32	5	0	5
South Tucson	209	4	59	146	4	94	22	0	18
Tucson	12,292	46	5,014	7,232	48	7,737	1,045	10	947
State Rural Rds.	912	29	368	515	33	685	142	15	142
Other Rural Rds.	3,211	32	1,215	1,964	34	1,931	319	9	354
TOTAL	16,723	113	6,695	9,915	121	10,522	1,539	34	1,472
PINAL COUNTY									
Apache Junction	219	3	98	118	3	157	22	0	19
Casa Grande	446	2	158	286	2	264	46	2	33
Coolidge	50	0	16	34	0	23	8	0	6
Eloy	45	1	17	27	1	35	5	0	12
Florence	68	0	17	51	0	28	9	0	9
Kearny	20	0	4	16	0	7	5	0	2
Mammoth	9	0	3	6	0	4	1	0	0
Superior	34	0	5	29	0	7	5	0	0
State Rural Rds.	743	31	279	433	41	522	104	4	119
Other Rural Rds.	499	17	205	277	17	381	93	8	119
TOTAL	2,133	54	802	1,277	64	1,428	298	14	319
SANTA CRUZ COUNTY									
Nogales	180	1	86	93	1	135	27	1	17
Patagonia	1	0	0	1	0	0	0	0	0
State Rural Rds.	117	3	45	69	3	92	28	2	36
Other Rural Rds.	1	1	0	0	1	0	0	0	0
TOTAL	299	5	131	163	5	227	55	3	53
YAVAPAI COUNTY									
Camp Verde	39	1	20	18	1	33	10	0	11
Chino Valley	NO ACCIDENTS REPORTED IN 1990								
Clarkdale	2	0	2	0	0	2	0	0	0
Cottonwood	125	2	36	87	2	65	5	1	2
Jerome	1	0	0	1	0	0	0	0	0
Prescott	629	1	188	440	1	266	38	1	22
Prescott Valley	94	0	46	48	0	67	11	0	18
State Rural Rds.	1,066	20	401	645	21	693	76	3	73
Other Rural Rds.	321	9	131	181	10	190	53	4	43
TOTAL	2,277	33	824	1,420	35	1,316	193	9	169
YUMA COUNTY									
San Luis	1	0	0	1	0	0	0	0	0
Somerton	9	0	0	9	0	0	1	0	0
Wellton	1	1	0	0	1	0	0	0	0
Yuma	1,351	5	486	860	7	720	148	2	113
State Rural Rds.	306	8	99	199	10	183	31	1	32
Other Rural Rds.	386	9	186	191	10	321	46	3	31
TOTAL	2,054	23	771	1,260	28	1,224	226	6	176
GRAND TOTAL	91,121	784	37,609	52,728	869	60,747	8,821	284	8,756

- ACCIDENTS, DEATHS AND INJURIES ON THE STATE HIGHWAY SYSTEM

SYSTEM TYPE	SUFFIX	ROUTE #	NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
			TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED	POSSIBLE INJURY	NON-INCAP INJURY	INCAP INJURY
I		8	247	8	92	147	10	160	54	59	47
S	B	8	63	1	19	43	1	36	16	10	10
I		10	3,544	62	1,133	2,349	70	1,955	687	857	411
S	B	10	37	1	20	16	1	33	7	17	9
I		15	74	4	31	39	4	49	8	31	10
I		17	3,269	21	998	2,250	23	1,594	800	576	218
I		19	263	9	103	151	9	205	47	100	58
I		40	1,492	31	512	949	34	886	244	465	177
S	B	40	376	2	104	270	2	163	70	70	23
S		51	7	0	3	4	0	6	0	5	1
S	L	51	1	0	1	0	0	1	0	0	1
U		60	855	9	351	495	11	623	240	268	115
S		61	17	0	10	7	0	15	6	7	2
S		64	79	2	25	52	2	59	10	39	10
U		64	5	0	2	3	0	2	2	0	0
S		66	24	2	14	8	2	28	7	15	6
S		67	12	0	5	7	0	7	6	1	0
S		68	140	4	63	73	4	101	24	55	22
S		69	162	1	70	91	1	132	52	58	22
U		70	73	6	22	45	7	45	8	21	16
S		71	6	0	4	2	0	6	0	6	0
S		72	13	1	7	5	1	10	1	8	1
S		73	40	3	14	23	3	24	13	7	4
S		74	20	1	10	9	1	16	4	6	6
S	X	74	13	0	4	9	0	5	0	2	3
S		75	9	2	2	5	2	3	2	0	1
S		77	174	6	48	120	10	95	28	51	16
S		78	4	0	1	3	0	1	1	0	0
S		79	4	0	0	4	0	0	0	0	0
S		80	110	3	49	58	5	80	29	26	25
S		82	36	1	17	18	1	34	8	19	7
S		83	36	1	16	19	1	25	6	16	3
S		84	63	3	25	35	3	41	18	13	10
S		85	134	4	72	58	4	137	49	58	30
S	S	85	2	0	0	2	0	0	0	0	0
S		86	90	8	45	37	10	92	16	51	25
S		87	486	14	199	273	18	365	121	156	88
S		88	112	1	35	76	1	56	17	29	10
S	L	89	6	0	4	2	0	6	2	2	2
U		89	755	23	297	435	25	497	145	266	86
U	A	89	418	6	155	257	7	245	108	95	42
S		90	126	2	46	78	2	74	15	41	18
S	S	90	3	0	1	2	0	1	0	1	0
S		92	86	0	34	52	0	54	12	35	7
U		93	298	12	108	178	15	193	58	95	40
S		95	757	18	316	423	21	546	265	163	118
S	X	95	1	0	0	1	0	0	0	0	0
U		95	162	5	57	100	6	113	25	54	34
S		96	7	0	3	4	0	3	0	3	0
S		97	10	0	2	8	0	2	1	0	1
S		98	36	2	10	24	2	20	6	8	6
S		99	8	0	3	5	0	4	1	0	3
S		101	27	0	9	18	0	13	8	4	1
S		143	47	0	9	38	0	15	5	8	2
U		160	161	3	59	99	5	114	86	17	11
U		163	48	1	12	35	1	24	11	12	1
S		169	6	0	3	3	0	4	2	2	0
S		170	3	0	1	2	0	1	1	0	0
S		177	47	2	15	30	2	24	6	16	2

Legend
Type: I=Interstate S=State U=U.S. Highway
Suffix: A=Alternate B=Business L=Loop S=Spur X=Temporary

ACCIDENTS, DEATHS AND INJURIES ON THE STATE HIGHWAY SYSTEM

TYPE	SUFFIX	ROUTE #	NUMBER OF ACCIDENTS				NUMBER OF PERSONS				
			TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED	POSSIBLE INJURY	NON-INCAP INJURY	INCAP INJURY
S		179	61	0	18	43	0	30	15	15	0
U		180	146	2	49	95	3	88	20	55	13
S		181	1	0	1	0	0	1	0	1	0
S		186	7	0	2	5	0	2	1	1	0
S		187	4	0	1	3	0	1	1	0	0
S		188	25	1	11	13	1	20	5	14	1
S		189	18	0	7	11	0	10	7	3	0
U		191	99	6	36	57	6	69	52	10	7
S		202	32	0	11	21	0	25	18	2	5
S		238	3	1	2	0	2	6	1	1	4
S		260	472	3	155	314	3	273	115	102	56
S		264	167	6	55	106	6	107	90	15	2
S		266	2	0	0	2	0	0	0	0	0
S		273	20	0	12	8	0	16	9	8	1
S	S	273	1	0	0	1	0	0	0	0	0
S		277	15	0	8	7	0	9	2	7	0
S		280	5	0	1	4	0	1	1	0	0
S		286	6	0	2	4	0	3	1	0	2
S		287	28	2	14	12	3	26	10	11	5
S		288	16	0	6	10	0	15	1	9	5
S		289	3	0	0	3	0	0	0	0	0
S		360	797	2	259	536	2	420	245	146	29
S		366	4	0	0	4	0	0	0	0	0
S		373	6	0	2	4	0	3	0	2	1
S		377	5	1	1	3	2	4	2	0	2
S		386	1	0	0	1	0	0	0	0	0
S		387	16	0	6	10	0	13	7	3	3
S		389	10	1	4	5	1	7	2	4	1
S		564	2	0	1	1	0	1	1	0	0
S		587	13	0	8	5	0	19	2	15	2
U		666	143	4	55	84	7	88	23	42	23
U	X	666	18	0	7	11	0	8	4	3	1
TOTALS			17,250	314	6,004	10,932	363	10,310	3,993	4,393	1,924

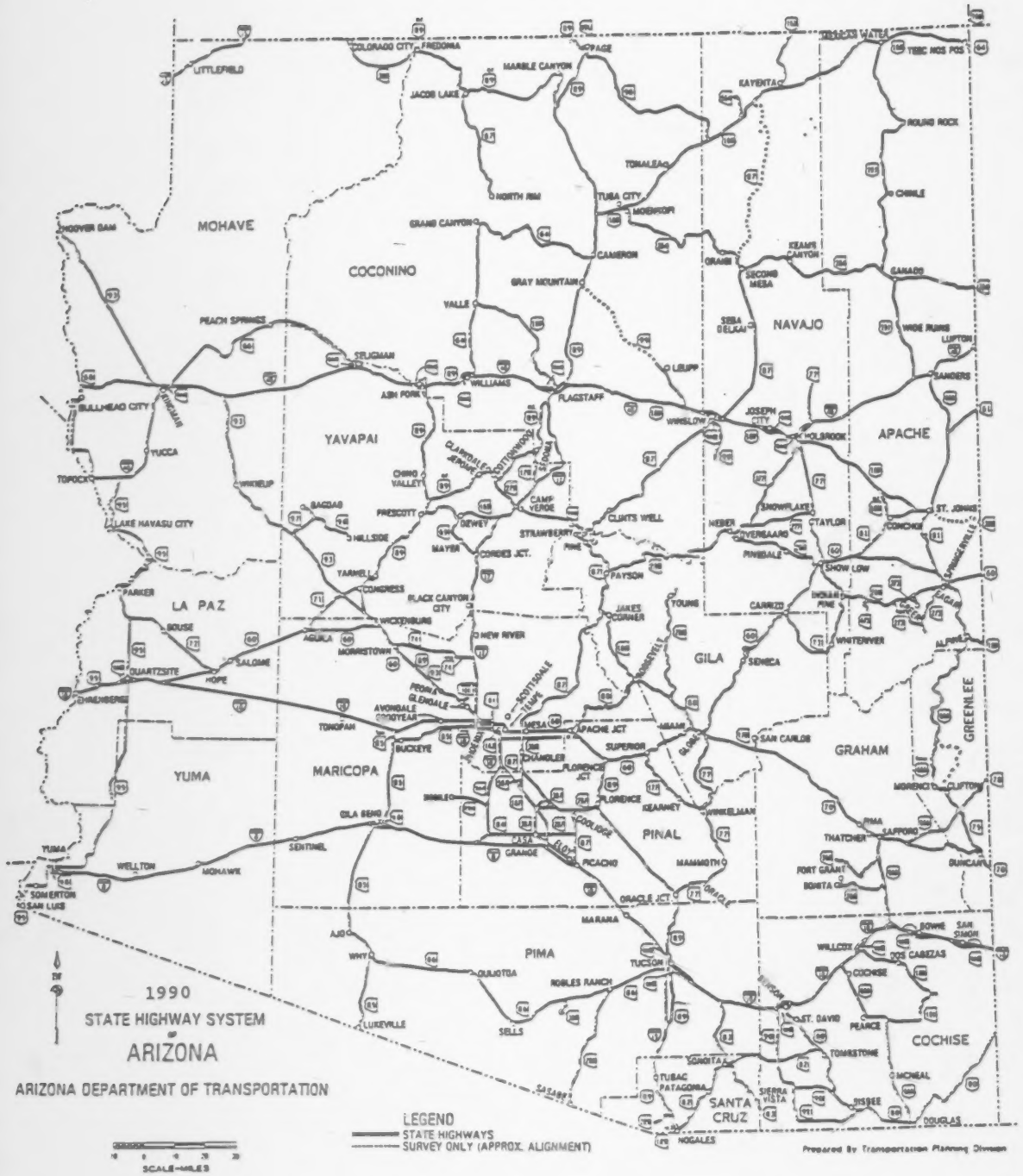
Legend
Type: I=Interstate S=State U=U.S. Highway
Suffix: A=Alternate B=Business L=Loop S=Spur X=Temporary

- The figures above do not include the accidents on The State Highway System when a local street name is used as a reference on the accident report form.

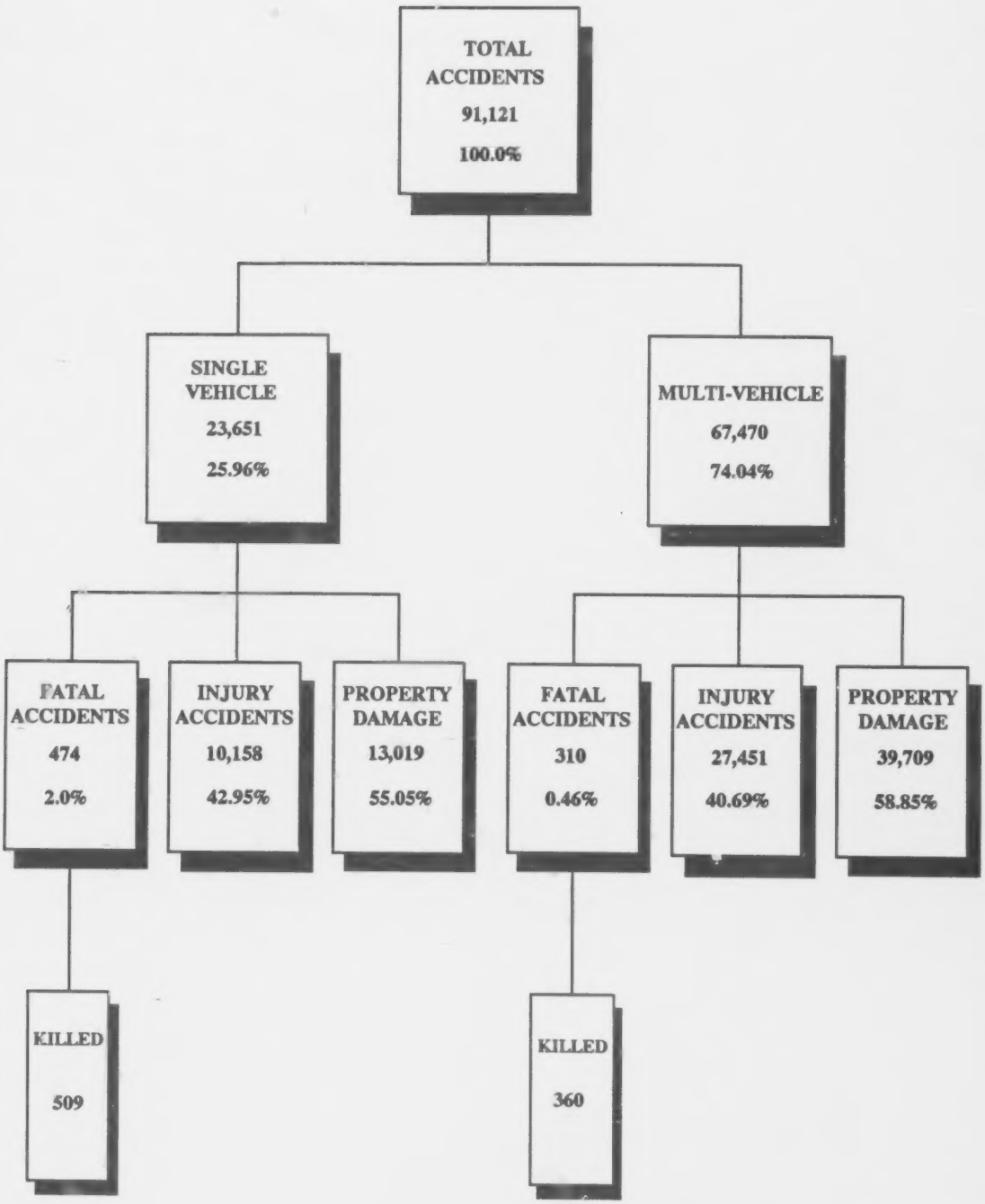
Accident Rates On The State Highway System
Averaged Over 1988-1990
(Accidents Per Million Vehicle Miles Of Travel)

URBAN	MILES	RATE	RURAL	MILES	RATE
2 lane	96	1.36	2 lane	4,474	1.02
4 lane	108	1.94	4 lane	100	0.97
4 lane divided	179	1.15	4 lane divided	238	0.90
Freeway	281	1.39	Freeway	2,090	0.67
All Road Categories		1.02			

- Vehicle miles of travel is based on ADT data from 1987 through 1989.


MOHAVE
COCONINO
NAVAJO
YAVAPAI
APACHE
LA PAZ
YUMA
MARICOPA
GILA
PINAL
GRAHAM
GREENLEE
PIMA
SANTA CRUZ
COCHISE
1990
STATE HIGHWAY SYSTEM
OF
ARIZONA
ARIZONA DEPARTMENT OF TRANSPORTATION
LEGEND
STATE HIGHWAYS
SURVEY ONLY (APPROX. ALIGNMENT)
SCALE—MILES
Prepared By Transportation Planning Division

ACCIDENT DESCRIPTION



TYPE OF ACCIDENT
BY FIRST HARMFUL EVENT

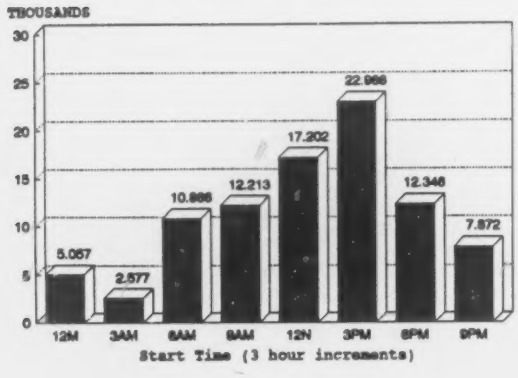
STATEWIDE	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
Overturning	3,185	178	1,679	1,328	192	3,073
Other Non-Collision	2,197	17	900	1,280	18	1,081
Pedestrian	1,486	135	1,351	0	137	1,444
Motor Vehicle in Transit	66,375	283	27,087	39,005	331	46,740
Motor Vehicle Other Roadway	8	0	5	3	0	13
Parked Motor Vehicle	3,356	4	476	2,876	4	590
Railway Train	35	4	9	22	4	12
Pedalcyclist	2,042	28	2,014	0	28	2,055
Animal	908	2	120	786	2	159
Fixed Object	10,753	126	3,868	6,759	145	5,444
Other Object	776	7	100	669	8	136
TOTALS	91,121	784	37,609	52,728	869	60,747

URBAN	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
Overturning	470	13	270	187	13	428
Other Non-Collision	1,006	4	524	478	4	604
Pedestrian	1,284	78	1,206	0	78	1,287
Motor Vehicle in Transit	57,862	158	23,855	33,849	172	40,452
Motor Vehicle Other Roadway	0	0	0	0	0	0
Parked Motor Vehicle	2,864	1	420	2,443	1	511
Railway Train	25	1	5	19	1	8
Pedalcyclist	1,909	23	1,886	0	23	1,925
Animal	93	0	26	67	0	29
Fixed Object	6,453	45	2,099	4,309	49	2,804
Other Object	407	0	56	351	0	64
TOTALS	72,373	323	30,347	41,703	341	48,112

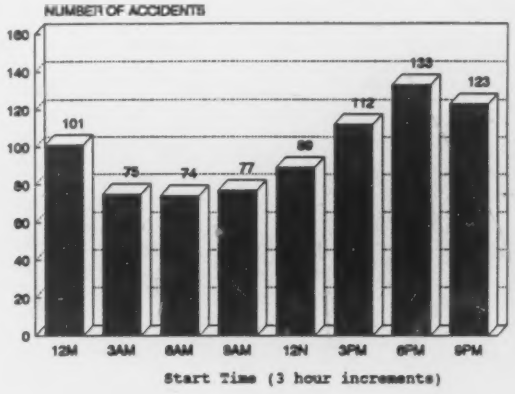
RURAL	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
Overturning	2,715	165	1,409	1,141	179	2,645
Other Non-Collision	1,191	13	376	802	14	477
Pedestrian	202	57	145	0	59	157
Motor Vehicle in Transit	8,513	125	3,232	5,156	159	6,288
Motor Vehicle Other Roadway	8	0	5	3	0	13
Parked Motor Vehicle	492	3	56	433	3	79
Railway Train	10	3	4	3	3	4
Pedalcyclist	133	5	128	0	5	130
Animal	815	2	94	719	2	130
Fixed Object	4,300	81	1,769	2,450	96	2,640
Other Object	369	7	44	318	8	72
TOTALS	18,748	461	7,262	11,025	528	12,635

ACCIDENTS BY TIME OF DAY

TOTAL ACCIDENTS

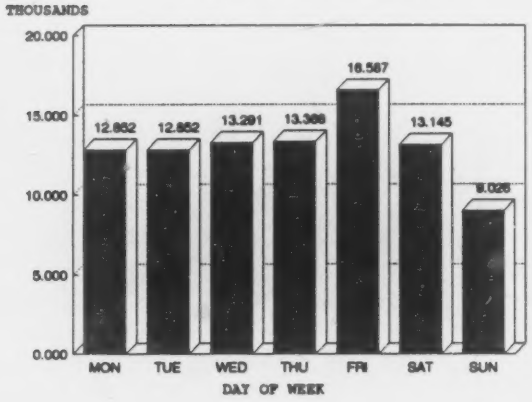


FATAL ACCIDENTS

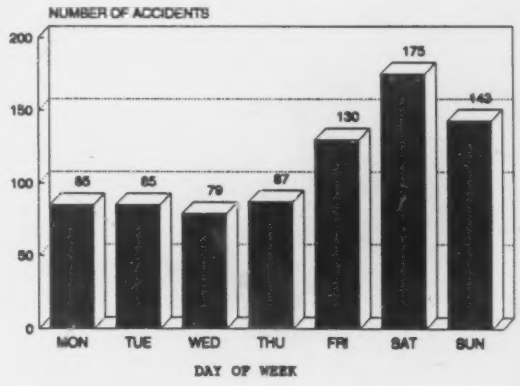


ACCIDENTS BY DAY OF WEEK

TOTAL ACCIDENTS

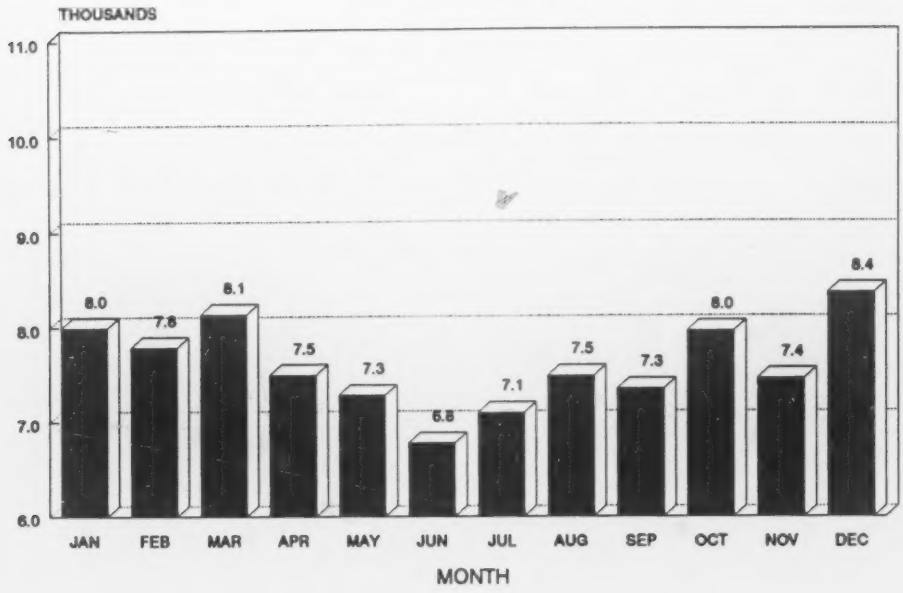


FATAL ACCIDENTS

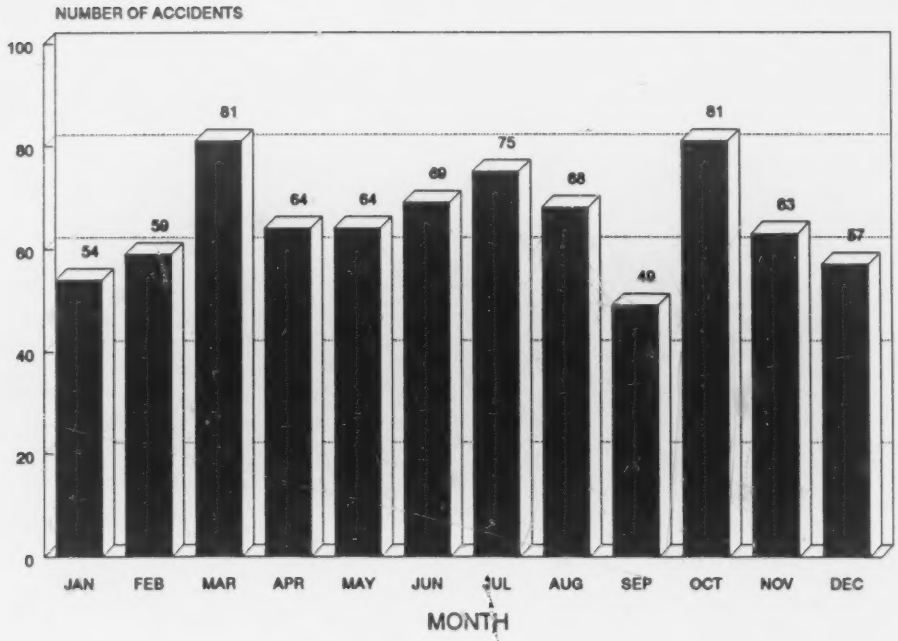


ACCIDENTS BY MONTH

TOTAL ACCIDENTS



FATAL ACCIDENTS



MULTI - VEHICLE ACCIDENTS

SEVERITY	TOTAL	HEAD-ON	REAR-END	SIDE SWIPE MEETING	SIDE SWIPE PASSING	LEFT TURN	OTHER ANGLE	BACKED INTO	OTHER
All Acc.	67,470	405	26,552	1,306	8,073	9,479	16,465	1,408	3,782
Fatal Acc.	310	36	35	36	19	45	104	0	35
Injury Acc.	27,451	246	11,721	508	1,632	4,838	7,122	126	1,258

NUMBER OF VEHICLES INVOLVED

NUMBER OF VEHICLES	NUMBER OF ACCIDENTS	PERCENT
1	23,652	25.96%
2	60,164	66.03%
3	6,153	6.75%
4	967	1.06%
5+	185	0.20%
TOTALS	91,121	100.00%

VEHICLE MIX IN TWO - VEHICLE ACCIDENTS

VEHICLE TYPE	PASSENGER CAR	PICKUP	TRUCK	BUS	MOTORCYCLE	OTHER VEHICLE
Passenger Car	66 27,427	63 19,460	17 1,175	1 348	27 1,124	21 3,167
Pickup / Van		14 3,987	12 421	1 126	13 333	5 1,127
Truck			0 95	0 11	4 13	3 104
Bus				0 6	1 9	0 25
Motorcycle					1 20	5 57
Other Vehicle						2 200

LEGEND: FATAL ACCIDENTS / TOTAL ACCIDENTS

ENVIRONMENTAL FACTORS

LIGHT CONDITIONS

LIGHT CONDITION	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Daylight	63,397	356	25,707	37,334	399	41,002
Dawn or Dusk	3,797	49	1,628	2,120	53	2,582
Darkness	23,827	379	10,245	13,203	417	17,125
Not Reported	100	0	29	71	0	38
TOTALS	91,121	784	37,609	52,728	869	60,747

WEATHER CONDITIONS

WEATHER CONDITION	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Clear	73,795	615	30,835	42,345	683	49,559
Raining	4,655	29	1,827	2,799	29	3,046
Cloudy	10,329	95	4,206	6,028	105	6,917
Snowing	1,223	3	316	904	3	512
Strong Wind	445	13	185	247	16	322
Dust	66	1	30	35	1	65
Fog	37	1	15	21	1	25
Not reported	571	27	195	349	31	301
TOTALS	91,121	784	37,609	52,728	869	60,747

ROAD SURFACE CONDITIONS

SURFACE CONDITION	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Dry	79,931	697	33,487	45,747	778	53,976
Wet	6,804	45	2,661	4,098	48	4,425
Snowy or Icy	2,120	10	551	1,559	11	887
Other	2,266	32	910	1,324	32	1,459
TOTALS	91,121	784	37,609	52,728	869	60,747

ROAD CHARACTERISTICS

ROAD SURFACE TYPE

ROAD SURFACE TYPE	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Asphalt	84,291	708	35,328	48,255	786	57,123
Concrete	4,339	22	1,387	2,930	24	2,143
Gravel	429	3	169	257	4	286
Dirt	1,538	37	542	959	39	929
Other	101	3	33	65	3	48
Not Reported	423	11	150	262	13	218
TOTALS	91,121	784	37,609	52,728	869	60,747

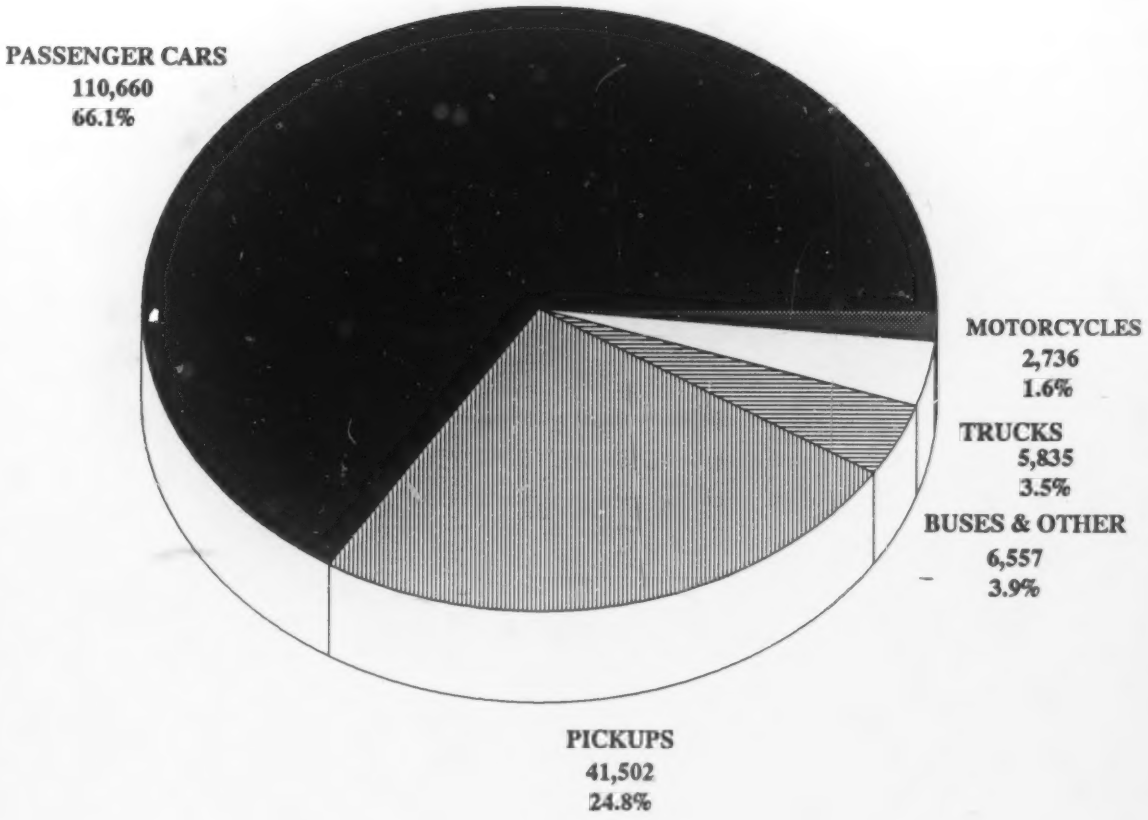
ROAD GRADE TYPE

ROAD GRADE TYPE	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
Level	79,073	600	32,920	45,553	662	53,107
Downgrade	5,292	90	2,067	3,135	100	3,468
Upgrade	3,417	51	1,262	2,104	56	2,044
Hillcrest	377	10	153	214	16	268
Dip	213	4	98	111	4	160
Not Reported	2,749	29	1,109	1,611	31	1,700
TOTALS	91,121	784	37,609	52,728	869	60,747

UNUSUAL ROAD CONDITIONS

UNUSUAL ROAD CONDITIONS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS	
	TOTAL	FATAL	INJURY	PROPERTY DAMAGE	KILLED	INJURED
No Unusual Condition	86,005	737	35,686	49,582	817	57,752
Under Construction Thru Traffic Allowed	3,154	16	1,176	1,962	18	1,793
Under Construction Traffic Detoured	73	1	28	44	1	44
Under Repairs	110	2	39	69	2	54
Holes, Ruts, Bumps	618	11	259	348	12	455
Obstruction Protected	38	0	8	30	0	9
Obstruction Unprotected	101	0	26	75	0	42
Obstruction Unlighted At Night	37	2	13	22	2	20
Defective Shoulders	32	2	16	14	2	31
Changing Road Width	395	9	139	247	9	219
Flooded	230	0	96	134	0	152
Temp. Lane Closure	328	4	123	201	6	176
TOTALS	91,121	784	37,609	52,728	869	60,747

MOTOR VEHICLE AND DRIVER CHARACTERISTICS



TOTAL VEHICLES: 167,290

MOTOR VEHICLE REGISTRATION AND ACCIDENT INVOLVEMENT

1990 MOTOR VEHICLE REGISTRATION

Privately Owned Vehicles	2,441,270
Commercial Vehicles	350,194
Buses & Taxis	2,668
Motorcycles	77,233
Mopeds	1,643
TOTAL	2,873,008

MOTOR VEHICLE ACCIDENT INVOLVEMENT BY TYPE

MOTOR VEHICLE TYPE	ALL ACCIDENTS NUMBER	PERCENT	FATAL ACCIDENTS	INJURY ACCIDENTS	PROPERTY DAMAGE
Passenger Car	110,243	65.90%	582	47,546	62,115
Passenger Car and Trailer	294	0.18%	1	97	196
Pick Up Truck (Incl. Panel & Mini Bus)	39,906	23.85%	303	15,841	23,762
Pickup Truck with Camper	1,596	0.95%	23	690	883
Truck Tractor (only)	132	0.08%	1	38	93
Truck Tractor And Semi-Trailer	2,765	1.65%	53	733	1,979
Med/Heavy Truck or Comb.	2,938	1.76%	27	977	1,934
Farm Tractor and/or Farm Equipment	25	0.01%	3	9	13
Taxicab	123	0.07%	0	51	72
Bus	479	0.29%	4	133	342
School Bus	196	0.12%	3	64	129
Motorcycle	2,736	1.64%	78	2,362	296
Motor Scooter, Motor Bicycle, Moped	33	0.02%	0	32	1
Recreational Vehicle	3,261	1.95%	36	1,393	1,832
Motor Home or House Car	370	0.22%	9	96	265
Emergency Vehicle (Including Privately Owned)	87	0.05%	0	33	54
Other Type Vehicle	129	0.08%	3	52	74
Vehicle Type Not Reported	1,977	1.18%	33	494	1,450
TOTALS	167,290	100.00%	1,159	70,641	95,490

LICENSED DRIVERS IN ARIZONA - BY AGE

AGE GROUP	MALE NUMBER	MALE PERCENT	FEMALE NUMBER	FEMALE PERCENT	TOTAL NUMBER	TOTAL PERCENT	CUMULATIVE PERCENT
* 15	4,192	0.33%	3,933	0.32%	8,125	0.33%	0.33%
16	24,543	1.94%	21,463	1.77%	46,006	1.85%	2.18%
17	20,149	1.59%	18,395	1.52%	38,544	1.55%	3.74%
18	20,977	1.66%	18,656	1.54%	39,633	1.60%	5.33%
19	22,973	1.81%	20,587	1.70%	43,560	1.76%	7.09%
20	23,484	1.85%	21,940	1.81%	45,424	1.83%	8.92%
21	23,724	1.87%	21,815	1.80%	45,539	1.84%	10.76%
22	23,429	1.85%	21,719	1.79%	45,148	1.82%	12.58%
23	23,078	1.82%	21,080	1.74%	44,158	1.78%	14.36%
24	24,337	1.92%	22,740	1.87%	47,077	1.90%	16.26%
25-34	293,373	23.15%	280,829	23.15%	574,202	23.15%	39.41%
35-44	276,661	21.83%	258,759	21.33%	535,420	21.59%	61.00%
45-54	176,239	13.91%	169,564	13.98%	345,803	13.94%	74.94%
55-64	134,469	10.61%	131,542	10.84%	266,011	10.73%	85.66%
65-74	116,436	9.19%	120,518	9.93%	236,954	9.55%	95.22%
75 & Up	59,010	4.66%	59,630	4.92%	118,640	4.78%	100.00%
TOTALS	1,267,074	100.00%	1,213,170	100.00%	2,480,244	100.00%	100.00%

* Age 15 is Instructional Permit Only

DRIVER ACCIDENT INVOLVEMENT - BY AGE

AGE GROUP	ALL ACCIDENTS NUMBER	ALL ACCIDENTS PERCENT	FATAL ACCIDENTS NUMBER	FATAL ACCIDENTS PERCENT	INJURY ACCIDENTS NUMBER	INJURY ACCIDENTS PERCENT
15 & Younger	673	0.40%	8	0.69%	301	0.43%
16	3,543	2.12%	13	1.12%	1,508	2.13%
17	4,621	2.76%	23	1.98%	2,030	2.87%
18	5,593	3.34%	30	2.59%	2,536	3.59%
19	6,028	3.60%	36	3.11%	2,677	3.79%
20	5,415	3.24%	27	2.33%	2,419	3.42%
21	5,231	3.13%	43	3.71%	2,394	3.39%
22	4,734	2.83%	35	3.02%	2,104	2.98%
23	4,692	2.80%	38	3.28%	2,062	2.92%
24	4,459	2.67%	30	2.59%	1,902	2.69%
25-34	43,101	25.76%	299	25.80%	18,719	26.50%
35-44	28,884	17.27%	181	15.62%	12,247	17.34%
45-54	16,040	9.59%	118	10.18%	6,849	9.70%
55-64	10,722	6.41%	87	7.51%	4,567	6.47%
65-74	8,443	5.05%	71	6.13%	3,534	5.00%
75 & Up	4,583	2.74%	46	3.97%	2,011	2.85%
Not Reported	10,528	6.29%	74	6.38%	2,781	3.94%
TOTALS	167,290	100.00%	1,159	100.00%	70,641	100.00%

DRIVER ERRORS

CONTRIBUTING CIRCUMSTANCES	ALL ACCIDENTS NUMBER OF CASES	ALL ACCIDENTS % Of (Units)	FATAL ACCIDENTS NUMBER OF CASES	FATAL ACCIDENTS % Of (Units)	INJURY ACCIDENTS NUMBER OF CASES	INJURY ACCIDENTS % Of (Units)
Speed Too Fast For Conditions	33,632	20.10%	294	25.37%	14,915	21.11%
Exceeded Lawful Speed Limit	1,587	0.95%	72	6.21%	814	1.15%
Failed To Yield Right-of-Way	20,732	12.39%	86	7.42%	9,411	13.32%
Ran Stop Sign	1,519	0.91%	24	2.07%	790	1.12%
Disregarded Traffic Signal	4,654	2.78%	41	3.54%	2,565	3.63%
Drove Left Of Center	1,690	1.01%	82	7.08%	774	1.10%
Followed Too Closely	2,728	1.63%	2	0.17%	1,069	1.51%
Made Improper Turn	3,798	2.27%	13	1.12%	1,105	1.56%
Inattention	22,478	13.44%	146	12.60%	9,389	13.29%
Other Improper Action	12,903	7.71%	131	11.30%	3,772	5.34%
No Improper Action	75,622	45.20%	412	35.55%	33,174	46.96%
Not Reported/Unknown	8,919	5.33%	109	9.40%	2,570	3.64%
TOTAL CONTRIBUTING CIRCUMSTANCES	190,262	**	1,412	**	80,348	**
NUMBER OF UNITS	167,290		1,159		70,641	

** Totals more than 100% because of multiple driver errors.

DRIVERS AND OCCUPANTS KILLED AND INJURED - BY VEHICLE TYPE

TYPE OF MOTOR VEHICLE	DRIVERS KILLED	DRIVERS INJURED	OCCUPANTS KILLED	OCCUPANTS INJURED
Passenger Car	233	25,407	138	14,210
Passenger Car and Trailer	0	48	1	62
Pickup & Panel Trucks	95	7,289	88	4,612
Pickup Truck w/camper	10	311	5	269
Truck Tractor (Only)	0	0	0	2
Truck Tractor And Semi-Trailer	4	222	1	84
Med/Heavy Truck or Combination	9	324	4	185
Farm Tractor and/or Equipment	0	3	0	0
Taxicab	0	27	0	16
Bus	0	20	1	116
Motorcycle	68	2,290	10	357
Motor Scooter, Motor Bicycle	0	20	0	4
Moped	0	10	0	1
Recreational Vehicle	12	683	9	512
Motor Home	1	26	2	57
Emergency Vehicle	0	18	0	7
Other Type of Vehicle	2	23	0	6
Vehicle Type Not Stated	5	13	6	14
TOTAL	439	36,734	265	20,514

SEX OF DRIVER INVOLVED IN ACCIDENTS

SEX OF DRIVER	ALL ACCIDENTS NUMBER	ALL ACCIDENTS PERCENT	FATAL ACCIDENTS NUMBER	FATAL ACCIDENTS PERCENT	NON - FATAL INJURY ACCIDENTS NUMBER	NON - FATAL INJURY ACCIDENTS PERCENT
Male	100,803	60.3%	814	70.2%	42,233	59.8%
Female	59,331	35.5%	287	24.8%	26,773	37.9%
Not Reported	7,156	4.3%	58	5.0%	1,635	2.3%
TOTALS	167,290	100.0%	1,159	100.0%	70,641	100.0%

RESIDENCE OF DRIVERS INVOLVED IN ACCIDENTS

RESIDENCE OF DRIVER	ALL ACCIDENTS NUMBER	ALL ACCIDENTS PERCENT	FATAL ACCIDENTS NUMBER	FATAL ACCIDENTS PERCENT	NON - FATAL INJURY ACCIDENTS NUMBER	NON - FATAL INJURY ACCIDENTS PERCENT
Arizona Resident	134,836	80.6%	869	75.0%	58,568	82.9%
Non-Resident	17,953	10.7%	178	15.4%	7,263	10.3%
Not Reported	14,501	8.7%	112	9.7%	4,810	6.8%
TOTALS	167,290	100.0%	1,159	100.0%	70,641	100.0%

DRIVERS PHYSICAL CONDITION

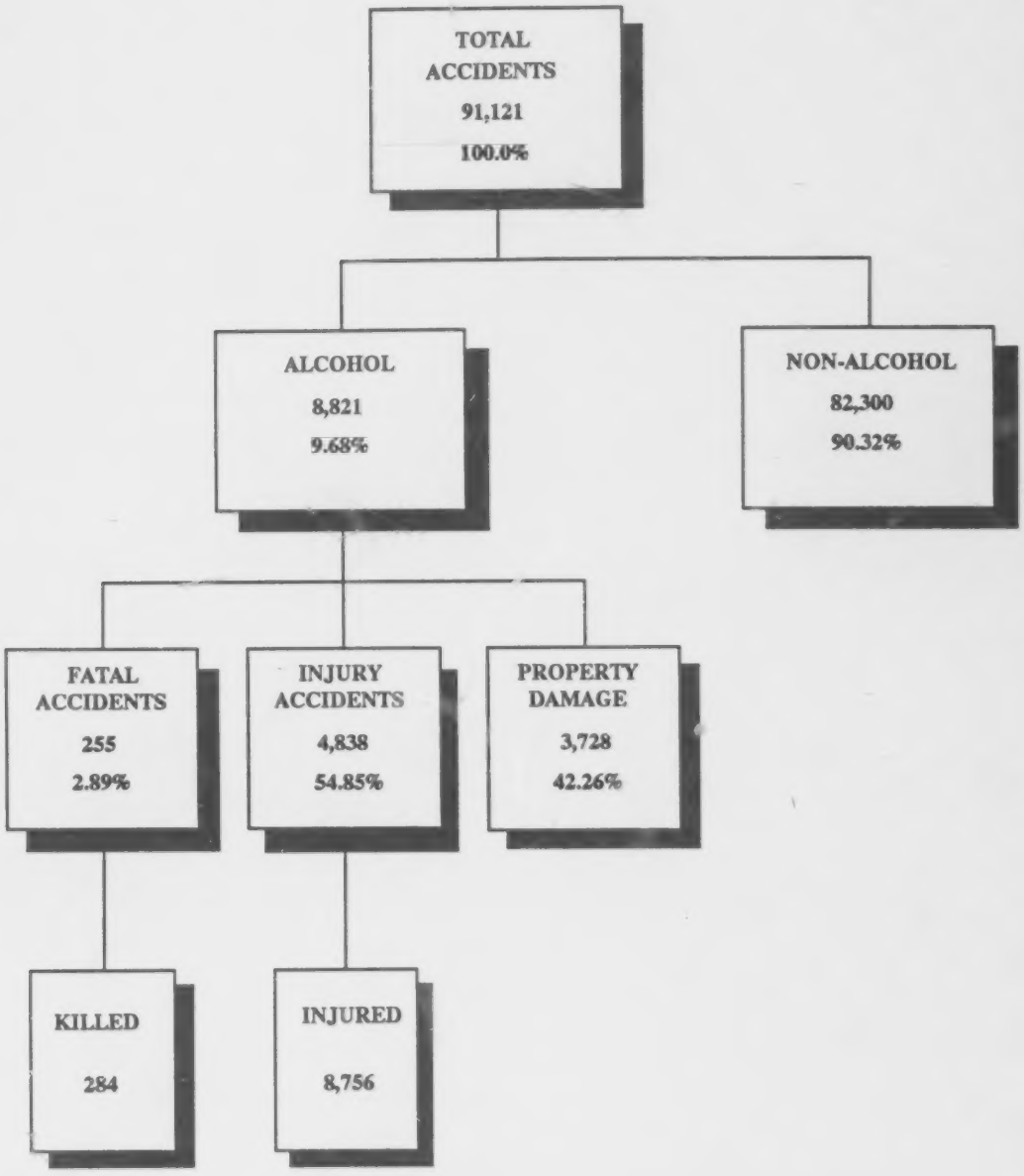
DRIVER CONDITION	ALL ACCIDENTS NUMBER OF CASES	ALL ACCIDENTS % (OF UNITS)	FATAL ACCIDENTS NUMBER OF CASES	FATAL ACCIDENTS % (OF UNITS)	INJURY ACCIDENTS NUMBER OF CASES	INJURY ACCIDENTS % (OF UNITS)
Had Been Drinking	9,008	5.38%	270	23.30%	4,959	7.02%
Ill, Ability Influenced	275	0.16%	8	0.69%	162	0.23%
Other Bodily Defects	435	0.26%	4	0.35%	210	0.30%
Use Of Narcotic Drugs	287	0.17%	7	0.60%	169	0.24%
Sleepy, Fatigued	2,012	1.20%	69	5.95%	1,145	1.62%
No Apparent Defects	142,640	85.27%	584	50.39%	60,302	85.36%
Not Reported	13,230	7.91%	242	20.88%	4,055	5.74%
TOTALS	167,887	*	1,184	*	71,002	*
NUMBER OF UNITS	167,290		1,159		70,641	

* Totals more than 100% because of multiple conditions.

HIT AND RUN ACCIDENTS

HIT AND RUN	NUBER OF ACCIDENTS TOTAL	FATAL	INJURED	PROP. DAM.	TOTAL KILLED	TOTAL INJURED
YES	9,221	40	2,721	6,460	44	3,956
NO	81,900	744	34,888	46,268	825	56,791
TOTALS	91,121	784	37,609	52,728	869	60,747

ALCOHOL - RELATED ACCIDENTS



The statistics in the Alcohol - Related section represent those accidents where the investigating officer indicated that a driver had been drinking an alcoholic beverage and may or may not be substantiated by a blood or breath test. No assumption is to be made that the person was legally intoxicated (blood alcohol content of 0.1 % or higher) at the time the accident took place.

ALCOHOL RELATED ACCIDENTS AND FATALITIES 1986-1990

YEAR	TOTAL ALCOHOL RELATED ACCIDENTS	PERCENT OF ALL ACCIDENTS	PERSONS KILLED	PERCENT OF TOTAL KILLED
1986	10,972	11.00%	387	38.40%
1987	9,596	9.68%	350	37.27%
1988	9,013	9.37%	334	35.38%
1989	8,565	9.30%	291	33.11%
1990	8,821	9.68%	284	32.68%

AGE OF DRIVERS INVOLVED IN ALCOHOL RELATED ACCIDENTS

AGE OF DRIVER	NUMBER OF DRIVERS	PERCENT OF TOTAL	NUMBER OF DRIVERS IN FATAL ACC.	NUMBER OF DRIVERS IN INJURY ACC.
15	34	0.38%	3	15
16	73	0.81%	1	44
17	137	1.52%	5	76
18	257	2.85%	13	148
19	316	3.51%	8	180
20	325	3.61%	7	170
21	423	4.70%	17	244
22	380	4.22%	8	213
23	396	4.40%	16	208
24	348	3.86%	8	208
25-34	3,366	37.37%	88	1,899
35-44	1,835	20.37%	59	949
45-54	634	7.04%	25	355
55-64	294	3.26%	9	153
65-74	153	1.70%	2	76
75 & Older	37	0.41%	1	21
TOTAL	9,008	100.00%	270	4,959

TYPE OF ALCOHOL RELATED ACCIDENT

TYPE OF MOTOR VEHICLE ACCIDENT	TOTAL	FATAL	NON-FATAL INJURY	PROPERTY DAMAGE
Overturning	571	7[illegible]	371	130
Other Non-Collision	211	3	149	59
Pedestrian	80	20	60	0
Motor Vehicle in Transport	4,649	96	2,688	1,865
Motor Vehicle on Other Roadway	0	0	0	0
Parked Motor Vehicle	539	1	184	354
Railway Train	2	0	2	0
Pedalcyclist	41	4	37	0
Animal	19	0	9	10
Fixed Object	2,678	60	1,325	1,293
Other Object	31	1	13	17
TOTAL	8,821	255	4,838	3,728

ALCOHOL RELATED ACCIDENTS

ROAD SURFACE CONDITIONS

SURFACE CONDITION	NUMBER OF ACCIDENTS TOTAL	FATAL	INJURY	PROPERTY DAMAGE
Dry	7,796	230	4,327	3,239
Wet	589	13	295	281
Snowy or Icy	73	1	28	44
Other	363	11	188	164
TOTALS	8,821	255	4,838	3,728

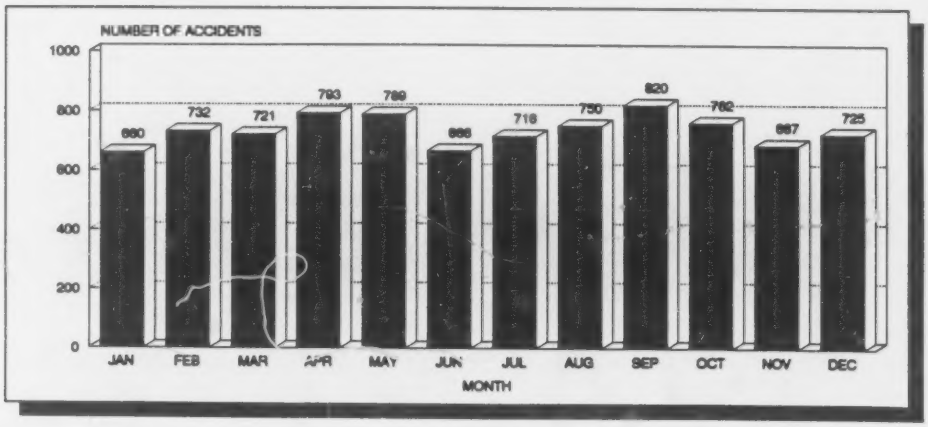
LIGHTING CONDITIONS

LIGHT CONDITION	NUMBER OF ACCIDENTS	NUMBER OF FATAL ACC.	NON-FATAL INJURY ACC.	PROPERTY DAMAGE
Daylight	2,357	74	1,295	988
Dawn or Dusk	426	14	254	158
Darkness	6,032	167	3,287	2,578
Not Reported	6	0	2	4
TOTALS	8,821	255	4,838	3,728

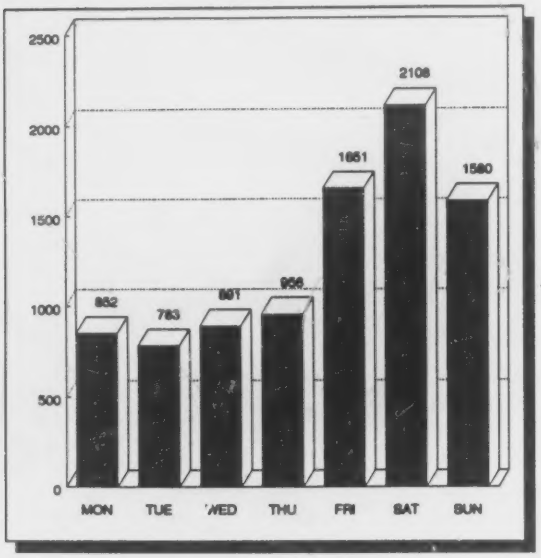
SEX OF DRIVER

SEX OF DRIVER	ALL ACCIDENTS NUMBER	PERCENT	FATAL ACCIDENTS NUMBER	PERCENT	NON - FATAL INJURY ACCIDENTS NUMBER	PERCENT
Male	7,412	82.3%	225	83.3%	4,090	82.5%
Female	1,463	16.2%	42	15.6%	834	16.8%
Not Reported	133	1.5%	3	1.1%	35	0.7%
TOTALS	9,008	100.0%	270	100.0%	4,959	100.0%

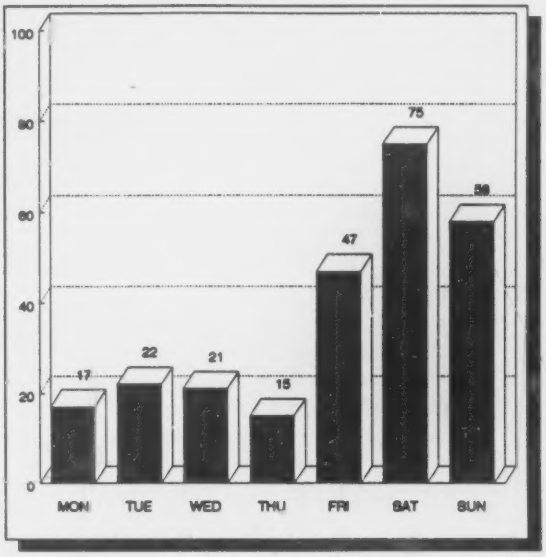
ALCOHOL RELATED ACCIDENTS - BY MONTH



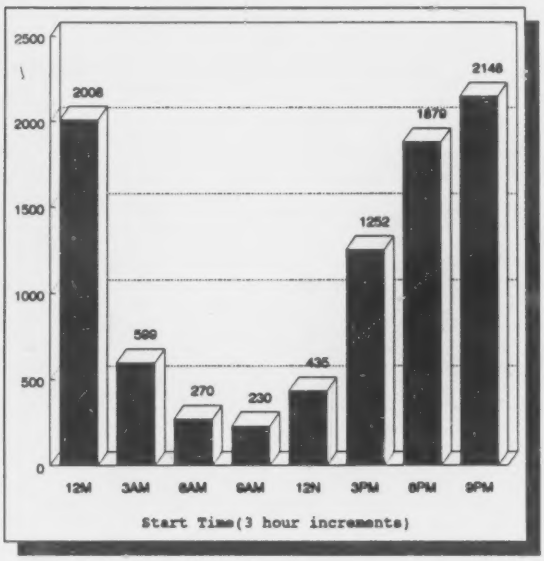
ALCOHOL RELATED ACCIDENTS BY DAY



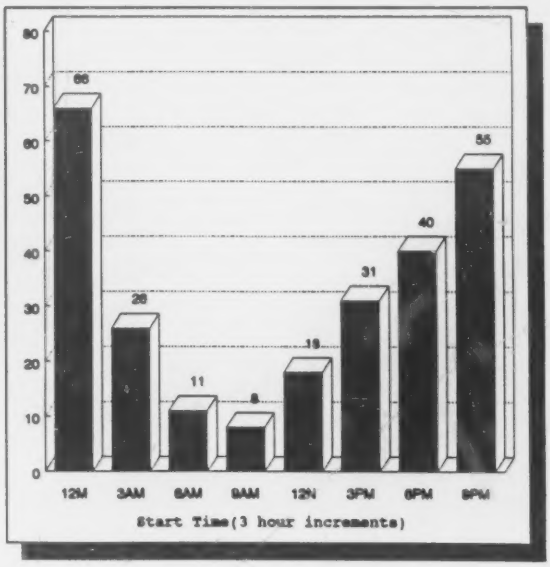
ALCOHOL RELATED FATAL ACCIDENTS BY DAY



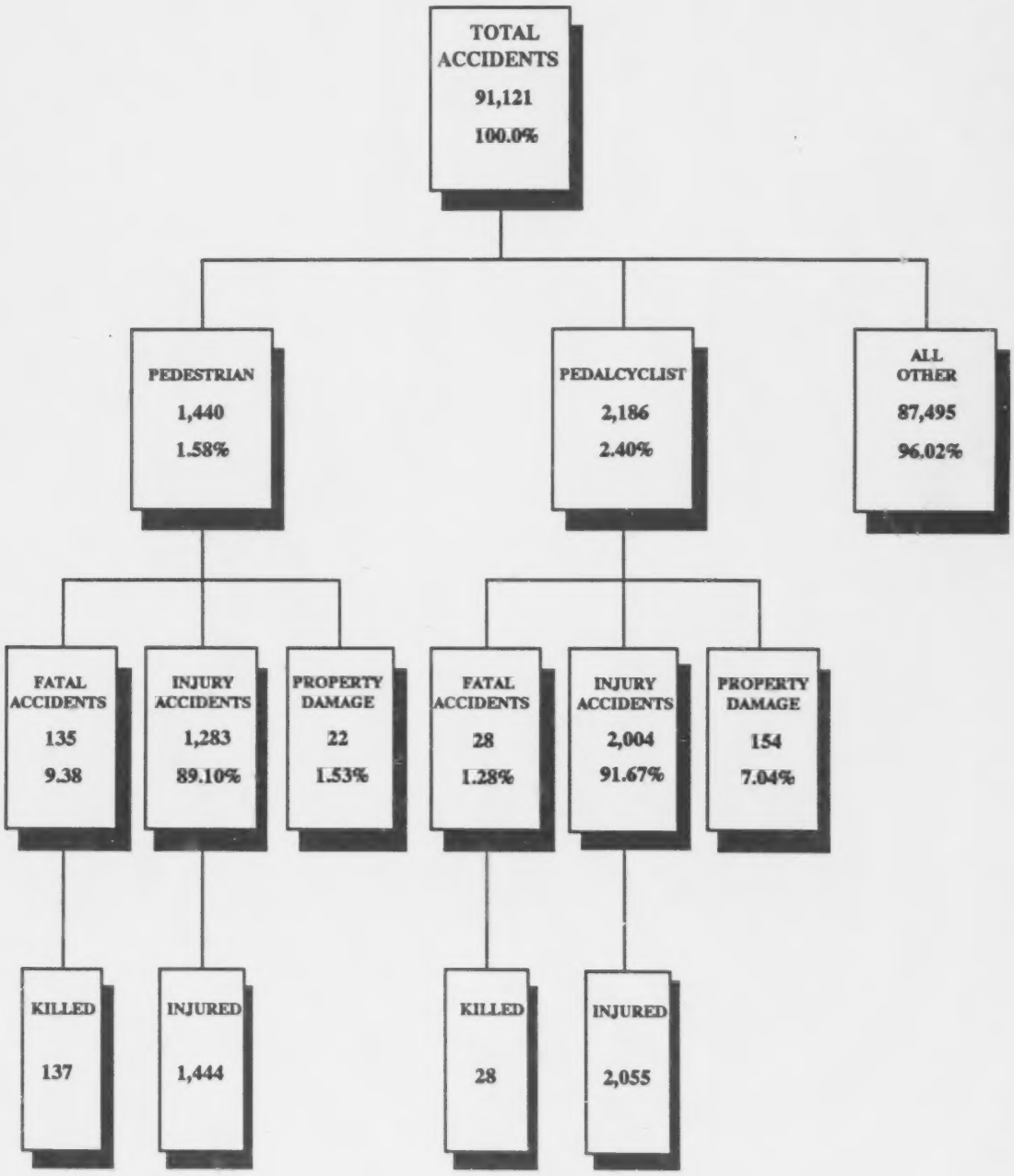
ALCOHOL RELATED ACCIDENTS BY TIME



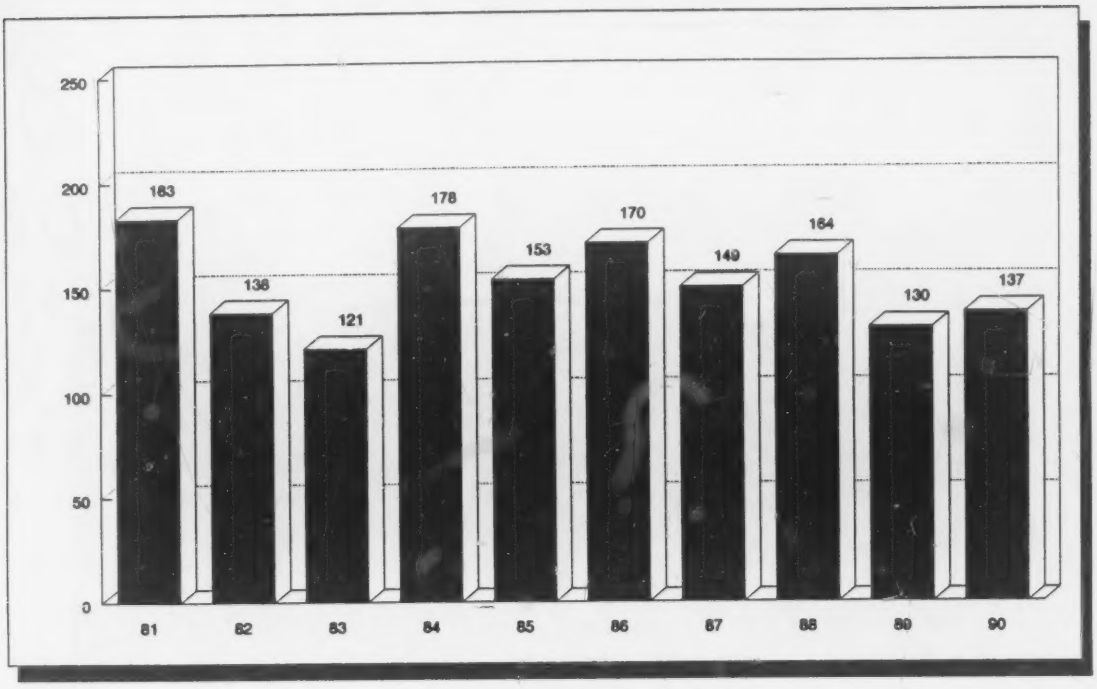
ALCOHOL RELATED FATAL ACCIDENTS BY TIME



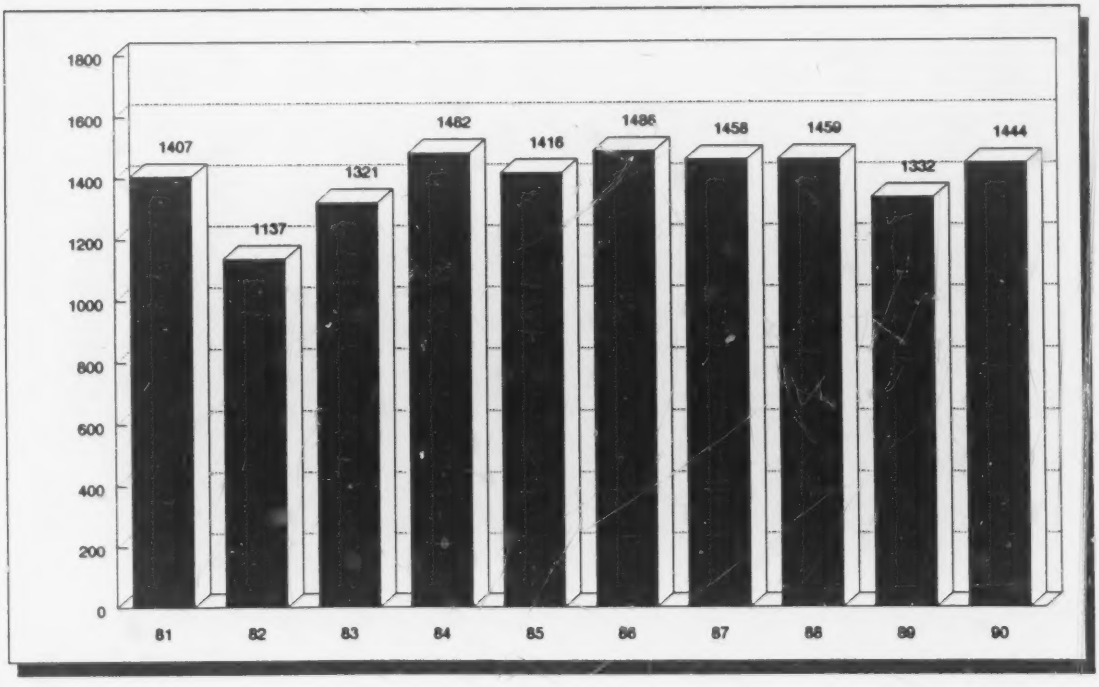
PEDESTRIAN AND PEDALCYCLIST ACCIDENTS



PEDESTRIANS KILLED
BY YEAR



PEDESTRIANS INJURED
BY YEAR



PEDESTRIANS KILLED

PEDESTRIANS KILLED	TOTALS	0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & OLDER	NOT REPORTED
Crossing at Intersection or Crosswalk	12	0	0	1	0	1	4	4	1	1
Crossing Not at Intersection or Crosswalk	58	1	5	0	1	1	22	14	9	5
Walking in Roadway With Traffic	12	0	0	1	1	3	3	2	1	1
Walking in Roadway Against Traffic	0	0	0	0	0	0	0	0	0	0
Standing in Roadway	13	0	0	2	0	0	6	2	2	1
Pushing or Working on Vehicle in Roadway	0	0	0	0	0	0	0	0	0	0
Other Working in Roadway	0	0	0	0	0	0	0	0	0	0
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	6	0	0	0	0	1	4	1	0	0
Getting On or Off Vehicle in Roadway	1	0	0	0	1	0	0	0	0	0
Other Actions in Roadway	13	0	1	2	1	1	4	2	0	2
Not in Roadway	9	0	1	0	0	1	6	0	0	1
Actions Not Stated	13	0	1	0	0	1	4	4	2	1
TOTALS	137	1	8	6	4	9	53	29	15	12

PEDESTRIANS INJURED

PEDESTRIANS INJURED	TOTALS	0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & OLDER	NOT REPORTED
Crossing at Intersection or Crosswalk	273	5	22	36	30	27	65	35	24	29
Crossing Not at Intersection or Crosswalk	622	45	97	76	60	41	145	52	41	65
Walking in Roadway With Traffic	49	3	1	2	4	1	19	5	7	7
Walking in Roadway Against Traffic	45	1	3	3	6	6	13	6	4	3
Standing in Roadway	79	5	2	1	18	9	24	5	5	10
Pushing or Working on Vehicle in Roadway	21	0	0	0	0	3	8	0	2	8
Other Working in Roadway	6	0	0	0	0	2	4	0	0	0
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	9	0	0	0	1	1	5	1	0	1
Getting On or Off Vehicle in Roadway	9	1	1	0	1	0	4	1	1	0
Other Actions in Roadway	201	8	22	22	24	14	61	19	15	16
Not in Roadway	100	4	8	5	7	10	29	14	9	14
Actions Not Stated	30	1	3	2	2	3	7	3	2	7
TOTALS	1,444	73	159	147	153	117	384	141	110	160

PEDESTRIAN PHYSICAL CONDITION

PHYSICAL CONDITION	NO INJURY	POSSIBLE INJURY	NON-INCAPACITATING INJURY	INCAP. INJURY	FATAL	NOT REPORTED
Ability Impaired	3	27	65	133	46	0
Bodily Defects	1	4	12	13	4	1
Ill	0	0	2	3	0	0
Sleepy/Fatigued	0	0	0	0	0	0
Narcotics	0	0	2	0	0	0
No Defects	20	176	445	386	28	5
Not Reported	6	41	62	73	59	3
TOTALS	30	248	588	608	137	9

PEDALCYCLIST PHYSICAL CONDITION

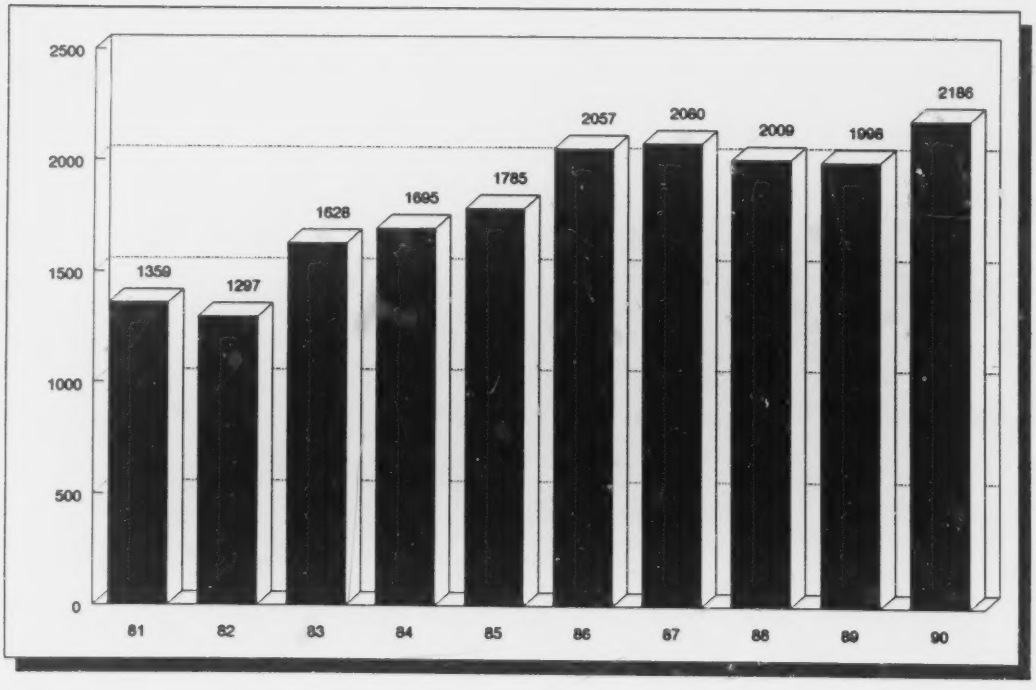
PHYSICAL CONDITION	NO INJURY	POSSIBLE INJURY	NON-INCAPACITATING INJURY	INCAP. INJURY	FATAL	NOT REPORTED
Ability Impaired	5	11	47	23	5	1
Bodily Defects	2	2	9	4	0	1
Ill	0	2	0	0	0	0
Sleepy/Fatigued	0	0	1	1	0	0
Narcotics	0	1	0	1	0	0
No Defects	134	426	975	383	18	5
Not Reported	16	55	89	35	5	13
TOTALS	157	497	1,111	447	28	20

PEDALCYCLE ACCIDENTS

PEDALCYCLE ACCIDENTS
1981-1990

YEAR	NUMBER OF PERSONS TOTAL KILLED	TOTAL INJURED
1981	15	1,370
1982	28	1,291
1983	13	1,487
1984	24	1,540
1985	18	1,618
1986	22	1,912
1987	20	1,913
1988	35	1,862
1989	30	1,864
1990	28	2,055

PEDALCYCLE ACCIDENTS
BY YEAR



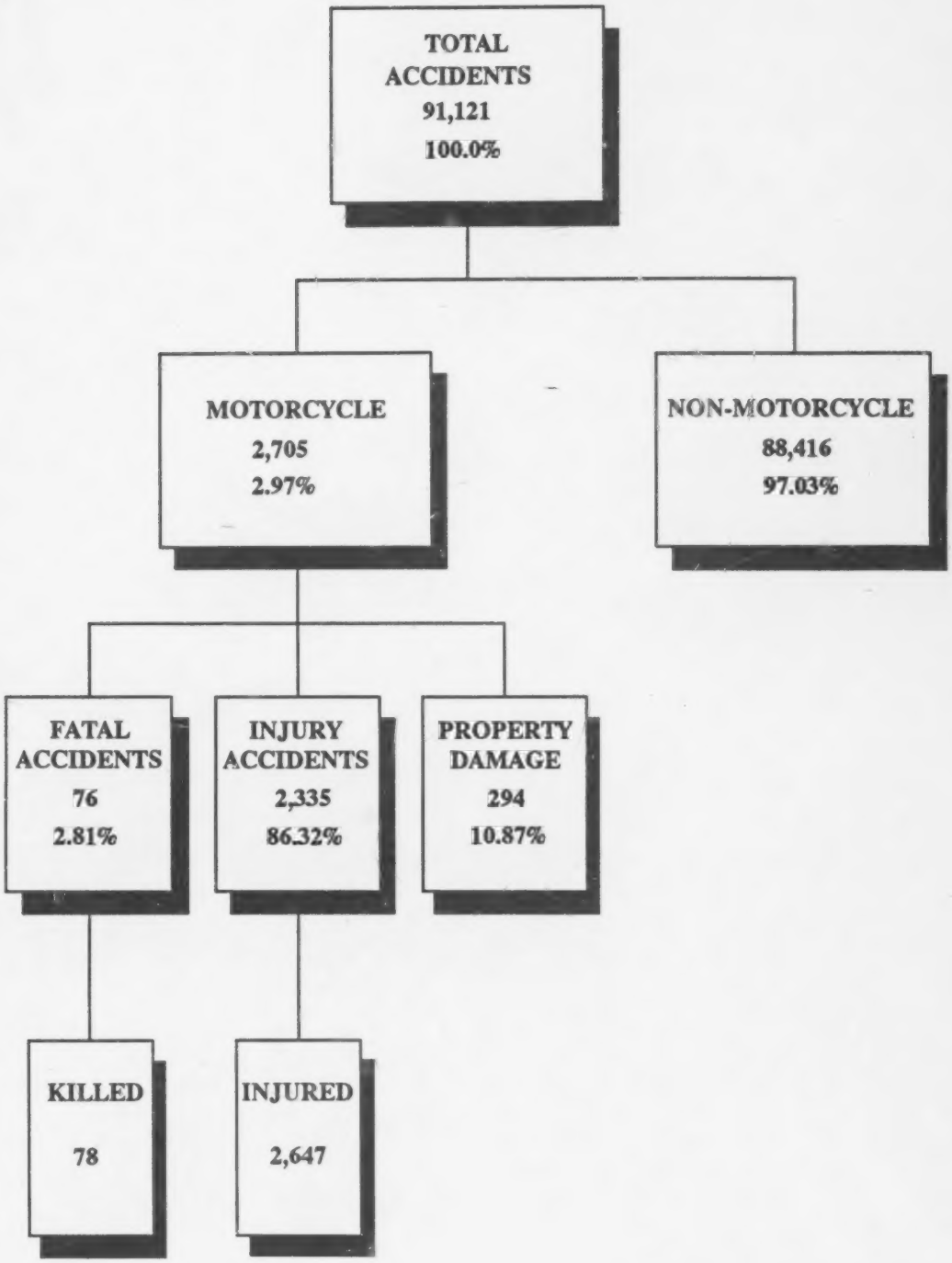
1990 PEDALCYCLE ACCIDENTS

STATEWIDE	TOTAL	URBAN	RURAL
Number of Accidents	2,194	2,047	147
Persons Killed	28	23	5
Persons Injured	1,995	1,870	125
Property Damage Only	171	154	17

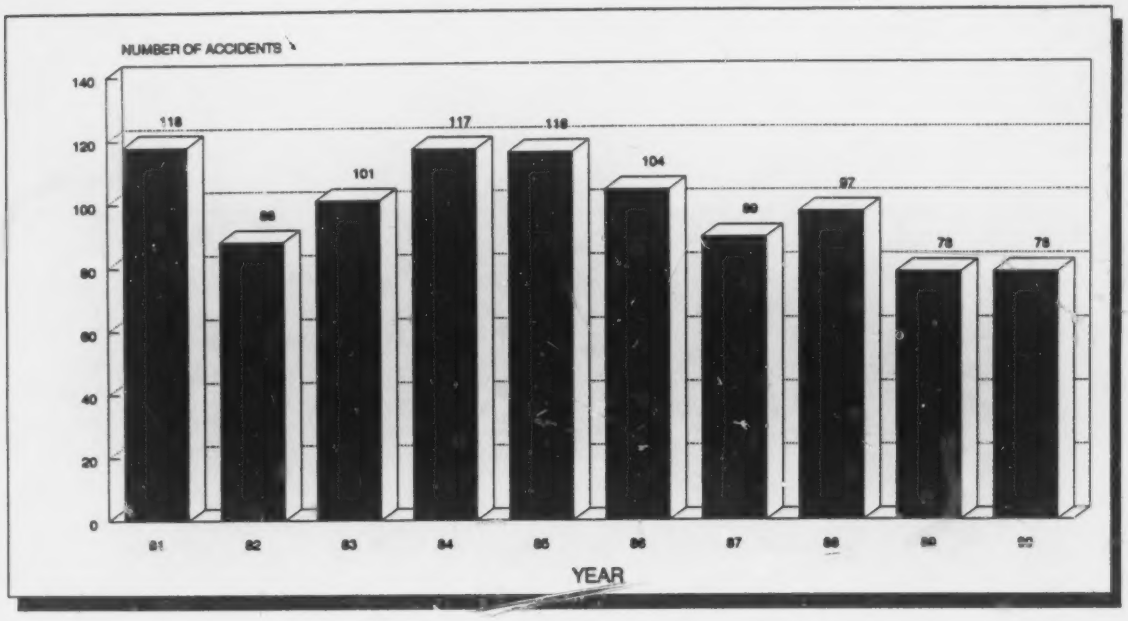
SEX AND AGE OF PEDALCYCLIST KILLED AND INJURED

	PERSONS KILLED			PERSONS INJURED			
AGE GROUP	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	NOT REPORTED
0-4	1	1	0	20	12	8	0
5-9	1	1	0	181	139	42	0
10-14	4	3	1	409	323	84	2
15-19	3	3	0	341	268	72	1
20-24	4	4	0	290	213	77	0
24-34	6	2	4	384	306	77	1
35-44	2	2	0	182	140	42	0
45-54	1	1	0	53	38	15	0
55-64	1	1	0	23	19	4	0
65-74	2	2	0	24	19	5	0
75 & Over	3	3	0	19	18	1	0
Age Not Reported	0	0	0	129	99	29	1
TOTALS	28	23	5	2,055	1,594	456	5

MOTORCYCLE ACCIDENTS



MOTORCYCLE FATALITIES 1981-1990
BY YEAR



MOTORCYCLE DRIVERS INVOLVED IN ACCIDENTS
BY AGE OF DRIVER

AGE OF DRIVER	NUMBER OF DRIVERS	PERCENT OF TOTAL	NUMBER OF DRIVERS IN FATAL ACCIDENTS	NUMBER OF DRIVERS IN NON-FATAL INJURY ACCIDENTS
15 & Younger	45	1.64%	2	36
16	32	1.17%	0	30
17	88	3.22%	1	81
18-19	329	12.02%	14	284
20-24	728	26.61%	22	639
25-34	824	30.12%	20	709
35-44	398	14.55%	3	364
45-54	135	4.93%	8	111
55-64	51	1.86%	3	45
65-74	24	0.88%	2	22
75 & Older	11	0.40%	0	10
Not Reported	71	2.60%	3	31
TOTALS	2,736	100.00%	78	2,362

DRIVER HELMET USAGE

DRIVERS	NUMBER OF DRIVERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL DRIVERS KILLED
Helmet Used	554	20.25%	22	3.97%	32.35%
Helmet Not Used	1,848	67.54%	44	2.38%	64.71%
Helmet Usage Unk.	334	12.21%	2	0.60%	2.94%
TOTAL TESTED	2,736	100.00%	68	2.49%	100.00%

PASSENGER HELMET USAGE

PASSENGERS	NUMBER OF PASSENGERS	% OF USAGE	NUMBER KILLED	% KILLED IN CATEGORY	% TOTAL PASSENGERS KILLED
Helmet Used	187	30.71%	3	1.60%	30.00%
Helmet Not Used	363	59.61%	7	1.93%	70.00%
Helmet Usage Unk.	59	9.69%	0	0.00%	0.00%
TOTAL TESTED	609	100.00%	10	1.64%	100.00%

MOTORCYCLE DRIVER DEFECTS

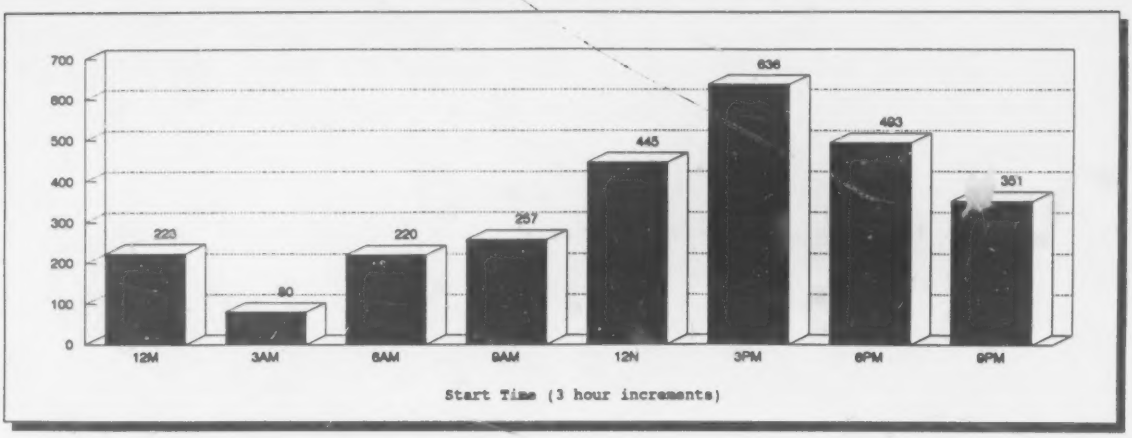
DRIVER DEFECTS	ALL ACCIDENTS NUMBER OF CASES	ALL ACCIDENTS % OF UNITS	FATAL ACCIDENTS NUMBER OF CASES	FATAL ACCIDENTS % OF UNITS	INJURY ACCIDENTS NUMBER OF CASES	INJURY ACCIDENTS % OF UNITS
Had Been Drinking	344	12.57%	19	24.36%	309	13.08%
Ill, Ability Influenced	3	0.11%	0	0.00%	3	0.13%
Other Bodily Defects	6	0.22%	1	1.28%	5	0.21%
Influence of Narcotic Drugs	7	0.26%	0	0.00%	7	0.30%
Sleepy, Fatigued	15	0.55%	2	2.56%	12	0.51%
No Apparent Defects	2,132	77.92%	34	43.59%	1,862	78.83%
Not Reported	238	8.70%	23	29.49%	171	7.24%
TOTAL DEFECTS	2,745	**	79	**	2,369	**
NUMBER OF UNITS	2,736		78		2,362	

** *TOTALS MORE THAN 100% DUE TO MULTIPLE CONDITIONS.*

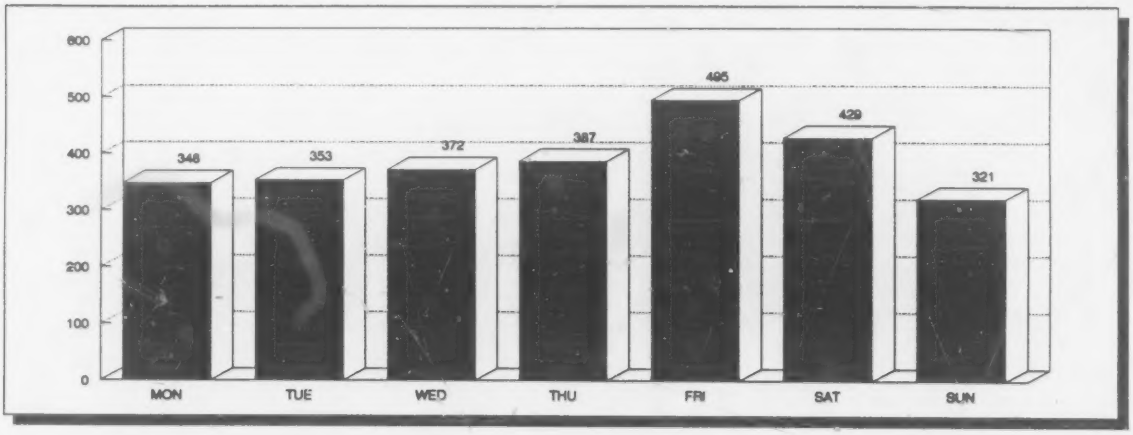
MOTORCYCLE ACCIDENTS BY ACCIDENT TYPE

ACCIDENT TYPE	TOTAL	FATAL	NON-FATAL INJURY	PROPERTY DAMAGE
Overturning	47	0	45	2
Other Non-Collision	637	8	588	41
Pedestrian	16	2	14	0
Motor Vehicle in Transport	1,609	50	1,334	225
Motor Vehicle on Other Rdwy.	0	0	0	0
Parked Motor Vehicle	23	0	20	3
Railway Train	2	1	1	0
Pedalcyclist	17	0	17	0
Animal	33	1	29	3
Fixed Object	303	14	271	18
Other Object	18	0	16	2
TOTALS	2,705	76	2,335	294

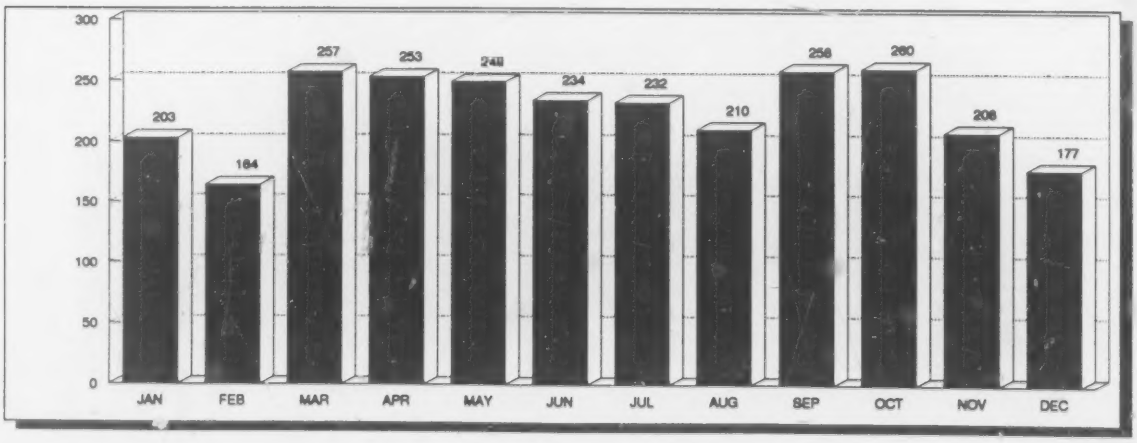
MOTORCYCLE ACCIDENTS BY TIME OF DAY



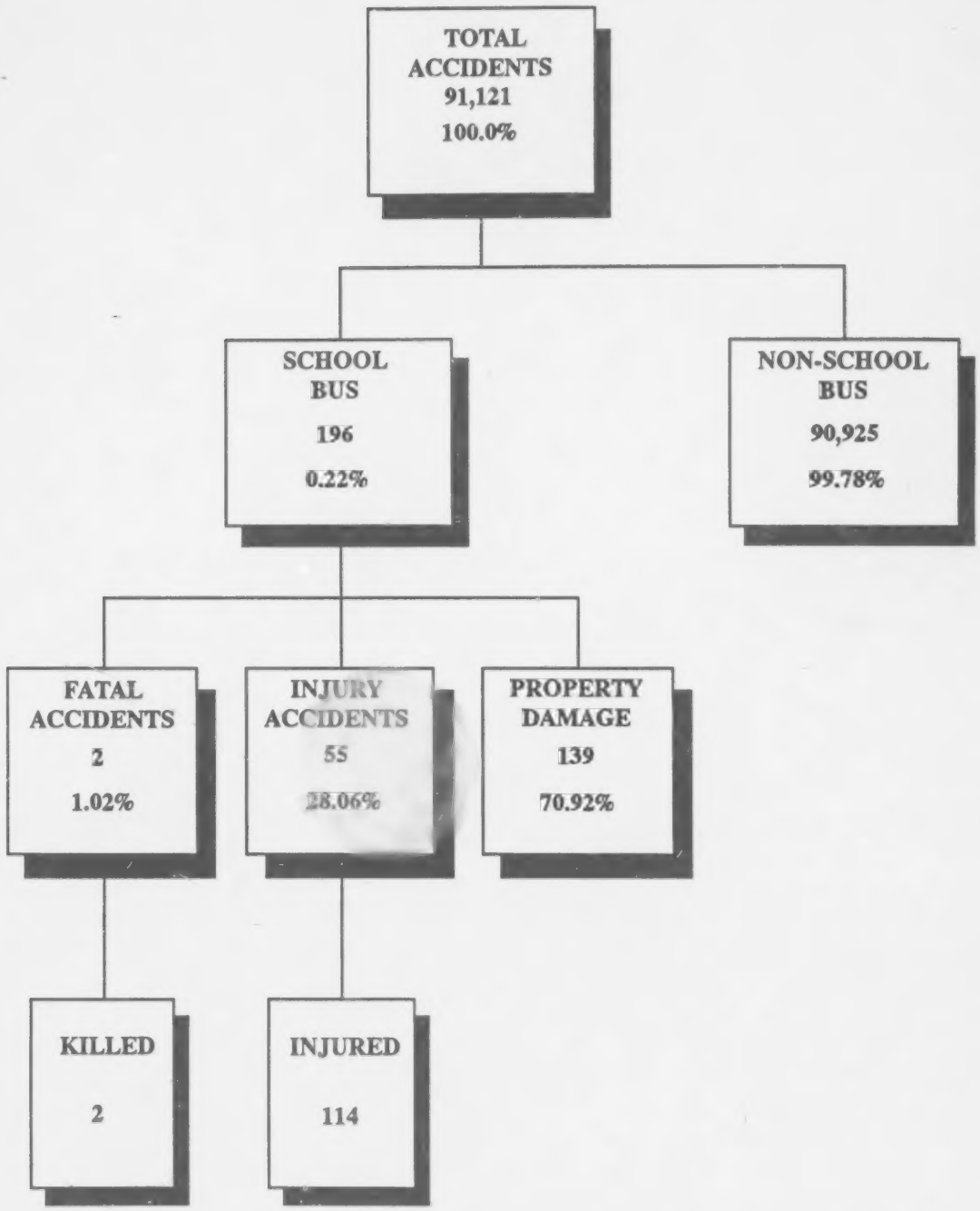
MOTORCYCLE ACCIDENTS BY DAY OF WEEK



MOTORCYCLE ACCIDENTS BY MONTH



SCHOOL BUS ACCIDENTS



SCHOOL BUS ACCIDENTS

	1985	86/87	87/88	88/89	89/90
Number of Public School Routes	3,455	8,575	8,863	9,348	9,882
Number of Contracted School Routes	75	808	774	867	1,074
Total Number of School Routes	3,530	9,383	9,637	10,215	10,956
Total Miles Driven (Millions)	33.0	36.0	35.2	39.2	42.1
Public School Pupils Transported Daily	205,251	219,742	218,174	235,505	226,697
Total Number of School Bus Accidents	225	211	174	242	196
INJURIES AND FATALITIES					
Pupil Passengers:					
Killed	0	0	0	0	0
Injured	91	37	18	98	40
Bus Drivers:					
Killed	0	0	0	0	0
Injured	7	9	9	12	8
* Others:					
Killed	5	0	0	1	0
Injured	37	35	57	116	66
* Category OTHERS are victims who were not inside the School Bus.					
Property Damage Only:					
Accidents	158	146	121	179	139
Accident Time of Day:					
A.M.	113	96	82	115	88
P.M.	112	115	92	127	108
Accident Location:					
Interstate Highway	5	8	4	6	6
State Highway	8	25	9	26	17
County Road	12	33	33	37	21
City Street	193	140	126	167	149
Other	7	5	2	6	3
Weather Conditions:					
Clear and Dry	170	164	141	211	170
Rain	14	8	10	6	5
Snow or Ice	3	10	2	5	2
Dusty or Windy	2	1	0	1	1
Fog	1	1	1	1	0
Cloudy	35	27	20	18	18
Vehicles Involved:					
Automobiles	147	144	117	159	112
Pickups	71	40	33	66	49
Large Trucks	8	7	9	4	4
Others	10	19	11	28	15

Statistics involving pupils, buses, and mileage are from the Department Of Education.